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Bid Receiving - PWGSC / Réception des
soumissions - TPSGC

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

Title - Sujet Maintenance Services Heating Ventilation and Air Conditioning Maintenance (HVAC)	
Solicitation No. - N° de l'invitation EJ196-220919/A	Date 2022-02-24
Client Reference No. - N° de référence du client 20220919	
GETS Reference No. - N° de référence de SEAG PW-\$\$FK-328-81011	
File No. - N° de dossier fk328.EJ196-220919	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2022-03-29 Heure Avancée de l'Est HAE	
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: Seguin, Christine	Buyer Id - Id de l'acheteur fk328
Telephone No. - N° de téléphone (343) 574-2819 ()	FAX No. - N° de FAX () -
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

Infrastructure Maintenance and Solution Services Division
(FK)
L'Esplanade Laurier,
East Tower 4th Floor
L'Esplanade Laurier,
Tour est 4e étage
140 O'Connor, Street
Ottawa
Ontario
K1A 0R5

Delivery Required - Livraison exigée See Herein – Voir ci-inclus	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 Designated Organization Screening (DOS) granted or approved by PWGSC Industrial Security Sector (ISS) at the level indicated in this solicitation document. Should the bidder not currently hold a valid Designated Organization Screening (DOS), PWGSC will sponsor the bidder. Please submit your written request with the following information to Christine Seguin by e-mail to Christine.Seguin@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 F.

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fk328
CCC No./N° CCC - FMS No./N° VME

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PART 1 - GENERAL INFORMATION

1.1 Introduction

The bid solicitation is divided into seven parts plus attachments and 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, and the basis of selection;
- Part 5 Certifications and Additional Information: includes the certifications and additional information 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 Requirements Checklist, the Electronic Payment Instruments, Federal Contractors Program For Employment Equity – Certification, COVID-19 Vaccination Requirement Certification, Cost Estimate Form for Extra Work, Voluntary Certification to Support the Use of Apprentices and Task Authorization Form PWGSC-TPSGC 572 (2014-04).

1.2 Summary

- 1.2.1 To provide maintenance services on heating, ventilation, air conditioning (HVAC), commercial refrigeration and boiler equipment, including all necessary tools, services, materials, travel and labour on equipment in accordance with the Statement of Work attached herein as Annex A. This requirement is for Public Services and Procurement Canada (PSPC) located at the following buildings in the National Capital Region (NCR).

CFB Uplands

- Building: # 16, 16 Spitfire Prvt.
- Building: # 346, 360 Canadair Prvt.
- Building: # 351, 2074 Alert Rd.
- Building: # 469, 10 DeNiverville Prvt.
- Building: # 475, 300 Canadair Prvt.
- Building: # 551, 425 Breadner Prvt.
- Building: Hangar 11, 190 Convair Prvt.
- Building: # 554, 708 Bluenose Prvt.
- Air Cadet Trailer: 8 Clements Private
- Building: # 337, 337 Breadner Prvt.
- Building: # 347, 450 Croil Prvt.
- Building: # 465, 465 Slemo Prvt.
- Building: # 471, 330 Croil Prvt.
- Building: # 512, 265 DeNiverville Prvt.
- Building: Hangar 14, 250 Croil Private
- Building: # 553, 704 Bluenose Prvt.
- Building: # 555, 720 Bluenose Prvt.

The period of any resulting Contract will be for a period of **five (5) years**.

- 1.2.2 There are security requirements associated with this requirement. For additional information, consult Part 6 - Security, Financial and Other Requirements, and Part 7 - Resulting Contract Clauses. For more information on personnel and organization security screening or security clauses, Bidders should refer to the [Contract Security Program](http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html) of Public Works and Government Services Canada (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website.
- 1.2.3 The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP) and the Canadian Free Trade Agreement (CFTA).
- 1.2.4 There is a **mandatory site visit** associated with this requirement where personnel security screening is required prior to gaining access to PROTECTED information, assets or sites. Consult Part 2 – Bidder Instructions.
- 1.2.5 The Federal Contractors Program (FCP) for employment equity applies to this procurement; refer to Part 5 – Certifications and Additional Information, Part 7 - Resulting Contract Clauses and the annex titled Federal Contractors Program for Employment Equity - Certification.”
- 1.2.6 This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

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 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.4 COVID-19 Vaccination Requirement

This requirement is subject to the COVID-19 Vaccination Policy for Supplier Personnel. Failure to complete and provide the COVID-19 Vaccination Requirement Certification as part of the offer will render the offer non-responsive.

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) (<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](#) (2020-05-28) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days
Insert: 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 in the bid solicitation.

Note: For bidders choosing to submit using epost Connect for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions [2003](#), or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

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

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 FPSs, 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 FPSs 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: 2019-01](#) 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.

2.4 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) 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 question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated and the enquiry can be answered 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 email at Christine.Seguin@tpsgc-pwgsc.gc.ca no later than **March 7, 2022 at 13:00 pm EST.****

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 begin at 190 Convair Private on **March 15, 2022**. The site visit will begin at 10:00am EDT, and will start at Hangar 11.

Personnel security screening is required prior to gaining authorized access to secure worksites. 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.

This site visit is subject to the COVID-19 Vaccination Policy for Supplier Personnel. The person(s) who attend must be fully vaccinated against COVID-19, or, for personnel that are unable to be vaccinated due to a certified medical contraindication, religion or other prohibited grounds of discrimination under the Canadian Human Rights Act, subject to accommodation and mitigation measures that have been presented to and approved by Canada.

Bidders must also complete and submit the following certification:

COVID-19 Vaccination Requirement Certification

I, _____ (first and last name), as the representative of
_____ (name of business) pursuant to
_____ (insert solicitation number), warrant and certify that all
personnel that will attend this site visit on this business' behalf are:

- (a) fully vaccinated against COVID-19; or
- (b) for personnel that are unable to be vaccinated due to a certified medical contraindication, religion or other prohibited grounds of discrimination under the Canadian Human Rights Act, subject to accommodation and mitigation measures that have been presented to and approved by Canada.

I certify that all personnel that will attend on behalf of _____ (name of business) have been notified of the vaccination requirements of the Government of Canada's COVID-19 Vaccination Policy for Supplier Personnel, and that the _____ (name of business) has certified to their compliance with this requirement.

I certify that the information provided is true as of the date indicated below and will continue to be true for the duration of the site visit. I understand that the certifications provided to Canada are subject to verification at all times. Canada reserves the right to request additional information to verify the certifications at all times. I also understand that Canada will declare a bid non-responsive or a contractor in default, if a certification is found to be untrue, whether made knowingly or unknowingly.

Signature: _____
Date: _____

Information you provide on this Certification Form and in accordance with the Government of Canada's COVID-19 Vaccination Policy for Supplier Personnel will be protected, used, stored and disclosed in accordance with the Privacy Act. Please note that you have a right to access and correct any information on your file, and you have a right to file a complaint with the Office of the Privacy Commissioner regarding the handling of your personal information. These rights also apply to all individuals who are deemed to be personnel for the purpose for the Contract and who require access to federal government workplaces where they may come into contact with public servants.

Bidders who do not confirm attendance, provide the name(s) of the person(s) who will attend, or who do not complete and submit the above certification as required will not be allowed 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.

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.

2.6.1 Additional restrictions will include:

- must not have symptoms of COVID-19
- must respect physical distancing measures while on site.

The following mandatory health and safety protection is to be worn by all visitors:

- Work boots (Steel Toe)
- Face masks due to COVID

To learn more about COVID-19, visit the Public Health Agency of Canada:

<https://www.canada.ca/en/public-health/services/diseases/coronavirus-disease-covid-19.html>

Bidders who do not comply will not be permitted to attend the site visit.

2.7 Bid Challenge and Recourse Mechanisms

- Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
 - Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)
- Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

The bid must be gathered per section and separated as follows:

- Section I: Technical Bid (1 soft copy epost)
- Section II: Financial Bid (1 soft copy epost)
- Section III: Certifications (1 soft copy epost)
- Section IV: Additional Information (1 soft copy epost)

Due to the nature of the bid solicitation, bids transmitted by facsimile will not be accepted.

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

Section I: Technical Bid

In their technical bid, Bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability in a thorough, concise and clear manner for carrying out the work.

The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that Bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, Bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Pricing Schedule detailed below in Canadian funds. The total amount of Applicable Taxes are excluded.

The following requirement must be strictly adhered to. Failure to do so will 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

Submit a firm all-inclusive unit price including all necessary tools, equipment and services, consumable materials, labour for all inspections, transportation, testing, cleaning, maintenance services as detailed in Annex A, Statement of Work, attached herein, in Canadian funds.

Bidders should submit single unit pricing, number of units included in pricing tables is for information only.

Building # 16, 16 Spitfire Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	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# E5691512345TY 20-075-01	\$	\$	\$	\$	\$
1	Boiler Room at Rear of Building	Weil-McLain	EG/PEG75 Series 4	811560 CRN# E5691.512345TY 20-075-02	\$	\$	\$	\$	\$
1	Boiler Room at Rear of Building	A.O. Smith	C48J2DB11	35507FM	\$	\$	\$	\$	\$
1	Boiler Room at Rear of Building	A.O. Smith	C48K2DB11	25007FM	\$	\$	\$	\$	\$
1	Boiler Room at Rear of Building	Hoffman	HBFS086676-0303422	50HBFS-0920	\$	\$	\$	\$	\$
1	Main Mechanical Room	Chil-con	EF-06080 310	C880344A-1 25-130-01 25-030-02	\$	\$	\$	\$	\$
1	Main Mechanical Room	Trane	8MP/HF/BVU	746257 30-050-01	\$	\$	\$	\$	\$
1	Main Mechanical Room	Trane	T8IP-HC-TH	746262	\$	\$	\$	\$	\$
1	Main Mechanical Room	Trane	T8IP-HC-TH	746,261	\$	\$	\$	\$	\$
1	Main Mechanical Room	Trane	T14LP-HC-TH	746,260	\$	\$	\$	\$	\$
1	Main Mechanical Room	Trane	8MP-HF-BVU	746259 30-050-02	\$	\$	\$	\$	\$
1	Main Mechanical Room	Trane	14MP-HF-TH	746258	\$	\$	\$	\$	\$
1	Main Mechanical Room	Armstrong	HC-4300	238956-10-1-04	\$	\$	\$	\$	\$
1	Main Mechanical Room	E.H. Price	DSQ-120-B	88054 30-270-02	\$	\$	\$	\$	\$
1	Main Mechanical Room	Armstrong	816Q32-QQQ	Q3Q5	\$	\$	\$	\$	\$

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Building # 16, 16 Spitfire Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Main Mechanical Room	Armstrong	HC-4300	238956-70-1-04	\$	\$	\$	\$	\$
1	Main Mechanical Room	Armstrong	N/A	55-400-01	\$	\$	\$	\$	\$
1	Main Mechanical Room	Armstrong	N/A	55-400-02	\$	\$	\$	\$	\$
1	Main Mechanical Room	E.H. Price	DSQ-120-B	38053 30-270-01	\$	\$	\$	\$	\$
1	Attic	Mark-Hot	N/A	N/A	\$	\$	\$	\$	\$
1	West Wall Outside	Mitsubishi Mr. Slim	MU09NW2	001140T	\$	\$	\$	\$	\$
1	Cage on North Side of Building	Keeprite	KVS020H2-HT5A-12CAAA	2,020,216	\$	\$	\$	\$	\$
1	Cage on North Side of Building	Keeprite	KVS020H2-HT5A-12CAAA	2,020,217	\$	\$	\$	\$	\$
1	Boiler Room	Leader	N/A	N/A 30-270-02	\$	\$	\$	\$	\$
1	Rear Vestibule	Reznor	UDAP30	BID79Y2N92486X	\$	\$	\$	\$	\$
1	Loading Area	Reznor	UDAP30	BID79Y2N92486X	\$	\$	\$	\$	\$
1	Loading Area	Reznor	UDAP45	BID79Y2N94746X	\$	\$	\$	\$	\$
1	Maintenance Room 118	Bradford White	MI80R6DS13	XJ000437	\$	\$	\$	\$	\$
1	Maintenance Room 118	Armstrong	N/A	N/A	\$	\$	\$	\$	\$
1	East Wall Outside	Stulz	SLO040H22-E	316581-0101K05	\$	\$	\$	\$	\$
3	Various locations	Various - Side Wall Exhaust Fans	Various - Side Wall Exhaust Fans	Various - Side Wall Exhaust Fans	\$	\$	\$	\$	\$
1	By Exit	Dunham-Bush	100-W	85G128 10-280-02	\$	\$	\$	\$	\$
1	In West Hallway Ceiling	Mitsubishi Mr. Slim	MU-A09WA	0000354T	\$	\$	\$	\$	\$
1	In West Hallway Ceiling	Armstrong	HC-4300	238956-90-1-04	\$	\$	\$	\$	\$
1	In East Hallway Ceiling Outside Main Practice Hall	Armstrong	EHU-701	238956-30-1-04	\$	\$	\$	\$	\$
1	In East Hallway Ceiling	Stulz-ATS	OHS-040-AHU	5,283,043	\$	\$	\$	\$	\$

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Building # 16, 16 Spitfire Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
	Outside Main Practice Hall								
1	By Men's Washroom	Dunham-Bush	100-W	85G128 10-280-02	\$	\$	\$	\$	\$
Subtotal 1					\$	\$	\$	\$	\$
Total 1					\$				

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	Year 1	Year 2	Year 3	Year 4	Year 5
1	Basement Boiler Room	Weil-McLain	Cga Gold-7-PIDM	55020103AD	\$	\$	\$	\$	\$
1	Basement Boiler Room	Weil-McLain	Cga Gold-7-PIDM	55020103A	\$	\$	\$	\$	\$
1	Basement Boiler Room	Rheem Ruud	RQ40-36M	129J57673	\$	\$	\$	\$	\$
1	Basement Boiler Room	Bell & Gossett	NPF-33	103350H30	\$	\$	\$	\$	\$
1	Basement Boiler Room	Armstrong	A16549-091	N/A	\$	\$	\$	\$	\$
1	Basement Boiler Room	Quincy	150896-610	20050212-0009	\$	\$	\$	\$	\$
1	Exterior Wall East	Mitsubishi Mr. Slim	PUY-A36NHA4	36U11571C	\$	\$	\$	\$	\$
1	Exterior Wall East	Mitsubishi Mr. Slim	PUY-A36NHA4	34U10937C	\$	\$	\$	\$	\$
1	Exterior Wall West	Mitsubishi Mr. Slim	PUY-A24NHA4	23U11779B	\$	\$	\$	\$	\$
1	Church Roof	Carrier	48HJF005361HG	4406G50349	\$	\$	\$	\$	\$
Subtotal 2					\$	\$	\$	\$	\$
Total 2					\$				

Building: # 346, 360 Canadair Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Boiler Room	Weil-McLain	LGB-5	2005208	\$	\$	\$	\$	\$
1	Boiler Room	Weil-McLain	LGB-5	903710	\$	\$	\$	\$	\$
1	Boiler Room	N/A	N/A	N/A	\$	\$	\$	\$	\$
2	Boiler Room	Fantech	N/A	N/A	\$	\$	\$	\$	\$
1	Boiler Room	John Wood	JW80SDE145	U0941F704244	\$	\$	\$	\$	\$
3	Boiler Room	Various locations	Various - Submersible Pumps c/w Controls	Various - Submersible Pumps c/w Controls	\$	\$	\$	\$	\$
1	Boiler Room	Modine	HSB33S01	39014108-1977	\$	\$	\$	\$	\$

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Building: # 346, 360 Canadair Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Top of Stairs 2nd Floor	ICP	DFC4A312JIB	V081750707	\$	\$	\$	\$	\$
1	Roof Top East Side South End	Heat Controller	A-HMC18AS	404KaYR00178	\$	\$	\$	\$	\$
1	Roof Top East Side South End	Heat Controller	ADMC12SB-0	605KANY00431	\$	\$	\$	\$	\$
1	Roof Top East Middle South End	Heat Controller	AHMC12AS	512KAZK00397	\$	\$	\$	\$	\$
1	Roof Top East Side North End	ICP	DFC4A324K1A	V082951114	\$	\$	\$	\$	\$
1	Roof Top East Side North End	ICP	DFC4H318K1A	V091952164	\$	\$	\$	\$	\$
1	Loading Area South Side	Heat Controller	A-HMC12AS	312KA00027	\$	\$	\$	\$	\$
1	Roof Top East Side	ICP	DFC4A312J1B	V081750727	\$	\$	\$	\$	\$
2	Roof Top East Side	Jenn-Air	91CROT	N/A	\$	\$	\$	\$	\$
1	Roof Top West Side	Engineered Air	DJ-40-0	M8274-1-MUA-1	\$	\$	\$	\$	\$
1	Roof Top North Side	Fantech	RE6	193257	\$	\$	\$	\$	\$
1	Loading Dock Area	Koolair	KAH-08-FCX-CW-TH-R1-2	7035405	\$	\$	\$	\$	\$
5	Various	Beacon/Morris	Various - Steam Unit Heaters	Various - Steam Unit Heaters	\$	\$	\$	\$	\$
1	Shop	Elicent	AXC200B	N/A	\$	\$	\$	\$	\$
1	Shop	Cooler	E-20	N/A	\$	\$	\$	\$	\$
2	Various locations	Reznor	Various - Steam Unit Heaters	Various - Steam Unit Heaters	\$	\$	\$	\$	\$
2	South Wall and Loading Dock Area	Various - Wall Exhausters	Various - Wall Exhausters	Various - Wall Exhausters	\$	\$	\$	\$	\$
Subtotal 3					\$	\$	\$	\$	\$
Total 3					\$	\$	\$	\$	\$

Building: # 347, 450 Croil Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	West Wall Exterior	ICP	DFC4A312J1B	V081750582	\$	\$	\$	\$	\$
1	East Wall	Carrier	38AK-007---101	2996G00167	\$	\$	\$	\$	\$

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Building: # 347, 450 Croil Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	East Vestibule	Dunham Bush	250BF1	C090556 20-280-03	\$	\$	\$	\$	\$
1	North Vestibule (main entrance)	Dunham Bush	100BF1	CX90555 20-280-01	\$	\$	\$	\$	\$
1	North Vestibule (inside)	Dunham Bush	250BF1	C090557 20-280-02	\$	\$	\$	\$	\$
1	Main Mechanical Room	Devilbliss	JUBJ-5031	829602 10-010-01	\$	\$	\$	\$	\$
1	Main Mechanical Room	Darling	1UD1/2HP40USG	D2007117	\$	\$	\$	\$	\$
1	Main Mechanical Room	John Wood	JW50SDI130	U0940F708066	\$	\$	\$	\$	\$
1	Main Mechanical Room	Leitch	N/A	180252-1 20-400-01	\$	\$	\$	\$	\$
1	Main Mechanical Room	Leitch	N/A	181940 20-400-02	\$	\$	\$	\$	\$
1	Main Mechanical Room	N/A	N/A	30-270-02	\$	\$	\$	\$	\$
1	1st Level Roof	Carrier	38AK007500	4192G68362	\$	\$	\$	\$	\$
1	1st Level Roof	Trane	TCD075CW0AAA	H1214394BD	\$	\$	\$	\$	\$
1	2nd Level Roof	Carrier	50DF024	P795139	\$	\$	\$	\$	\$
1	2nd Level Roof	Trane	TCD090CW0AAA	H101432B0D	\$	\$	\$	\$	\$
1	2nd Level Roof	Trane	TCD102BWDABA	H13144714D	\$	\$	\$	\$	\$
1	2nd Floor east Hallway	Dunham Bush	250BF1	C090558	\$	\$	\$	\$	\$
1	Roof Access Area	Carrier	40RR-008---530	1093F371183 30-050-02	\$	\$	\$	\$	\$
1	1st Level Roof	N/A Exhaust Fan	N/A Exhaust Fan	N/A Exhaust Fan	\$	\$	\$	\$	\$
1	3rd Level Roof	Trane	FC.CCW.TH	185982	\$	\$	\$	\$	\$
1	3rd Level Roof	Delhi	N/A Exhaust Fan	N/A Exhaust Fan	\$	\$	\$	\$	\$
Subtotal 4					\$	\$	\$	\$	\$
Total 4					\$	\$	\$	\$	\$

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Building: # 351, 2074 Alert Rd.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Boiler Room	Hydromatic	N/A	N/A	\$	\$	\$	\$	\$
1	Boiler Room (exterior)	Heat Controller Inc.	A-HMC18AS	308KA00130	\$	\$	\$	\$	\$
Subtotal 5					\$	\$	\$	\$	\$
Total 5					\$				

Building: # 465, 465 Slemon Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Office Area	Rheem	RH2T60 24MEACJA	W101632396	\$	\$	\$	\$	\$
1	Outside	Rheem	RA206O AJVCB	W331613208	\$	\$	\$	\$	\$
Subtotal 6					\$	\$	\$	\$	\$
Total 6					\$				

Building: # 469, 10 DeNiverville Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Mechanical Room #41	Johnson Controls	JUBK-5034	10978	\$	\$	\$	\$	\$
1	Mechanical Room #41	Devilbliss-Hankison	8010	4185 40-147-01	\$	\$	\$	\$	\$
1	Mechanical Room #41	Penn Ventilator	Centrex	30-260-01	\$	\$	\$	\$	\$
1	Mechanical Room #41	Trane	14LP/VF/BVU	745055 30-050-01	\$	\$	\$	\$	\$
1	Mechanical Room #41	Delhi	407	30-270-01	\$	\$	\$	\$	\$
1	Mechanical Room #41	Armstrong	S35-BF	N/A	\$	\$	\$	\$	\$
1	Mechanical Room #41	Armstrong	181050BF	N/A	\$	\$	\$	\$	\$
1	Mechanical Room #41	A.O. Smith	HWB300-962	Z14F0268780	\$	\$	\$	\$	\$
1	Mechanical Room #41	John Wood	AV50N400	1815109961899	\$	\$	\$	\$	\$
1	Mechanical Room #41	Armstrong	Astro 50B	N/A	\$	\$	\$	\$	\$
1	Mechanical Room #41	Nortec	EL Series	30-350-01	\$	\$	\$	\$	\$
1	Mechanical Room #41	Penn Ventilator	XQ-82	N/A	\$	\$	\$	\$	\$
1	Mechanical Room #41	Penn Ventilator	BB-45	N/A	\$	\$	\$	\$	\$
1	Mechanical Room #41 (outside)	Trane	TTA240B300BA	J16198165	\$	\$	\$	\$	\$
Subtotal 7					\$	\$	\$	\$	\$
Total 7					\$				

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Building: # 471, 330 Croil Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Outside of Building	York	YD240C00A5AAA4	N2L0269279	\$	\$	\$	\$	\$
1	Mechanical Room	Sheldons	80MPSER.2000M	901429-1 30-050-01	\$	\$	\$	\$	\$
1	Mechanical Room	Nortec	MP500	0H60709635 30-050-01	\$	\$	\$	\$	\$
1	Mechanical Room	Sheldons	245ULFSWSI	901430-1	\$	\$	\$	\$	\$
1	Mechanical Room	Armstrong	Astro 50	N/A 20-400-03	\$	\$	\$	\$	\$
1	Mechanical Room	Bell & Gossett	1AA51/4BF	1605870C09 20-400-04	\$	\$	\$	\$	\$
1	Mechanical Room	Bell & Gossett	1AA51/4BF	1605860C09 20-400-05	\$	\$	\$	\$	\$
1	Mechanical Room	Armstrong	H-32STD	N/A 20-400-06	\$	\$	\$	\$	\$
1	Mechanical Room	Grundfos	UP15-18SF	N/A 50-400-01	\$	\$	\$	\$	\$
1	Mechanical Room	Giant	172ETE-3F5M	A3312515	\$	\$	\$	\$	\$
1	Mechanical Room	Weil-McLain	CG-8-PIN	CP3400253 20-070-01	\$	\$	\$	\$	\$
1	Mechanical Room	Weil-McLain	CG-8-PIN	CP3400254 20-070-02	\$	\$	\$	\$	\$
1	Mechanical Room	Weil-McLain	CG-8-PIN	CP3400255 20-070-03	\$	\$	\$	\$	\$
1	Mechanical Room (sump pit)	N/A	N/A	N/A	\$	\$	\$	\$	\$
1	Mechanical Room	N/A	N/A	N/A	\$	\$	\$	\$	\$
Subtotal 8					\$	\$	\$	\$	\$
Total 8					\$	\$	\$	\$	\$

Building: # 475, 300 Canadair Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Mechanical Room	Trane	SRUB-C155B	S87F43765 30-025-05	\$	\$	\$	\$	\$
1	Mechanical Room	Nortec	MP-400	7E2492 30-050-01	\$	\$	\$	\$	\$
1	Mechanical Room	Trane	N/A	N/A 30-260-01	\$	\$	\$	\$	\$
1	Mechanical Room	N/A	N/A	N/A 30-270-01	\$	\$	\$	\$	\$
1	Mechanical Room	Trane	T3LP-HF-FVU	767012 30-050-01	\$	\$	\$	\$	\$
1	Mechanical Room	Trane	T3LP-HF-FVU	767,014	\$	\$	\$	\$	\$
1	Mechanical Room	Armstrong	S35AB	8,511	\$	\$	\$	\$	\$
1	Mechanical Room	Giant	172ETE-3F8M-E8	A5177800	\$	\$	\$	\$	\$

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Building: # 475, 300 Canadair Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Room #109	Leibert System 3	UH114AUB00	119695B 30-025-03	\$	\$	\$	\$	\$
1	Room #109	Leibert System 3	UH114AUB00	110815A 30-025-02	\$	\$	\$	\$	\$
1	Room #115	Liebert	DS053ASB0EI000A	N16L8E0109	\$	\$	\$	\$	\$
1	Roof	Liebert	DCDL251-B	C16M4FA027	\$	\$	\$	\$	\$
1	Computer Room #116	Liebert	DS053ASB0EI967A	N16L8E0159	\$	\$	\$	\$	\$
1	Roof	Liebert	DCDL251-B	C16M4FA027	\$	\$	\$	\$	\$
1	Room #115	Aldes	E650-Fi	E650- Fi1701008	\$	\$	\$	\$	\$
1	Room #120	Trane	SRUB-C155D	N/A 30-025-04	\$	\$	\$	\$	\$
1	Exterior (inside fence)	Mitsubishi Mr. Slim	PYA365NA2	7U00271B	\$	\$	\$	\$	\$
1	Exterior (inside fence)	Mitsubishi Mr. Slim	PU18EK	25000100B	\$	\$	\$	\$	\$
1	Main Hallway (roll-up door)	Hydromatic	N/A	N/A	\$	\$	\$	\$	\$
Subtotal 9					\$	\$	\$	\$	\$
Total 9					\$	\$	\$	\$	\$

Building: # 512, 265 DeNiverville Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Main Mechanical Room 125	Heat Controller Inc.	A-HMC12AS	404KAG50011 1	\$	\$	\$	\$	\$
1	Main Mechanical Room 125	Mitsubishi Mr. Slim	PUY-A24NHA2	89U01181D	\$	\$	\$	\$	\$
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	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Drew	N/A	N/A 55-484-01	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1207-5.7W1B	20-400-07	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1207-5.7W1B	20-400-08	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM2007-6.5W1C	20-400-09	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM2007-6.5W1C	20-400-10	\$	\$	\$	\$	\$

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Building: # 512, 265 DeNiverville Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Main Mechanical Room 124	Delhi	BI-18	30-270-03	\$	\$	\$	\$	\$
2	Main Mechanical Room 124	Hydromatic	N/A	N/A	\$	\$	\$	\$	\$
1	Supply Room 107	Heat Controller Energy Night	B-HMC12AS	403KAUU00062	\$	\$	\$	\$	\$
1	Outside Patio	Fujitsu	AOU18C1	ACN005171	\$	\$	\$	\$	\$
1	Server Room Inside 142	Mitsubishi	PKA-A24FA	84A00217C	\$	\$	\$	\$	\$
1	Server Room 144	Fujitsu	ASU18C1	ACA009385	\$	\$	\$	\$	\$
1	Outside North	Fujitsu	AOU18C1	ACN005109	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Carnes	HCDE	10526-05-2 30-350-01	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Carnes	HCDE	10526-05-1 30-350-02	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Carnes	HCAE	10526-05-3 30-350-03	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Carnes	HCDE	10526-05-4 30-350-04	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Trane	MCCA012GAE	K93J6 1649 30-050-01	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Trane	MCCA012GAE	K93J61584 30-050-02	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Trane	MCCA00080AE	K93J60824 30-050-03	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Trane	MCCA011788	K93J62483 30-050-04	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Trane	CCACC702RHNJR 423CDFPT	U93J08212 25-110-01	\$	\$	\$	\$	\$
1	Outside	Trane	CAUCC60520031	J93H82254	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi		30-260-01	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi		30-260-02	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	BI-18	30-260-03	\$	\$	\$	\$	\$

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Building: # 512, 265 DeNiverville Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Main Mechanical Room 124	Engineered Air	CUH7	20-280-01	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineered Air	CUH7	20-280-02	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineered Air	CUH7	20-280-03	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineered Air	V4	20-280-04	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineered Air	CUH7	20-280-05	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineered Air	V4	20-280-06	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineered Air	V4	20-280-07	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	BI-24	30-270-01	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	BI-24	30-270-02	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	BI-27	30-270-04	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	BI-16	30-270-05	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	210 INS	30-270-06	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	209 INS	30-270-07	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Albany	S55NXMYL-6906	60-325-01	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Albany	N/A	55-400-01	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	110-B24	50-400-01	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1506-5.2WZB	20-400-03	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1506-5.2WZB	20-400-04	\$	\$	\$	\$	\$

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Building: # 512, 265 DeNiverville Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Main Mechanical Room 124	Taco	FM1506-5.2WZB	20-400-01	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1506-5.2WZB	20-400-02	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1507-6.5W1C	20-400-05	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1507-6.5W1C	20-400-06	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	John Wood	JW1206C-205	9402948807 50-550-01	\$	\$	\$	\$	\$
Subtotal 10					\$	\$	\$	\$	\$
Total 10					\$				

Building: # 551, 425 Breadner Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Pool Boiler Room	Raypak	E1631WG-N	10848556	\$	\$	\$	\$	\$
1	Pool Boiler Room	John Wood	Signature Series CST-119	R0835F707	\$	\$	\$	\$	\$
1	Pool Boiler Room	Armstrong	S-35 AB	N/A	\$	\$	\$	\$	\$
1	Pool Boiler Room	Lennox	EL296UH135XE60D-03	5920F11559	\$	\$	\$	\$	\$
1	Pool Boiler Room	Laars	Mighty Therm	N/A	\$	\$	\$	\$	\$
Subtotal 11					\$	\$	\$	\$	\$
Total 11					\$				

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	Year 1	Year 2	Year 3	Year 4	Year 5
4	East Wall Exterior	Various Thru-Wall AC Units	Various Thru-Wall AC Units	Various Thru-Wall AC Units	\$	\$	\$	\$	\$
1	East Wall Exterior	Heat Controller Inc.	A-HMC18AS	308KA00139	\$	\$	\$	\$	\$
1	East Wall Exterior	N/A Wall Exhauster (481)	N/A Wall Exhauster (481)	N/A Wall Exhauster (481)	\$	\$	\$	\$	\$
6	Inside Hangar Area East	Various Thru-Wall AC Units	Various Thru-Wall AC Units	Various Thru-Wall AC Units	\$	\$	\$	\$	\$
1	East 2nd Floor Mechanical Room	Engineered Air	DJ-40	M5913 MUA-1 30-050-02	\$	\$	\$	\$	\$

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Building: Hangar 14, 250 Croil Private									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Room 224	N/A AHU #3	N/A AHU #3	N/A AHU #3	\$	\$	\$	\$	\$
1	Office Roof Top	Goodman	HDC24-1AB	980557632 25-030-05	\$	\$	\$	\$	\$
1	Office Roof Top	Keeprite	DFC4H312J1B	V09152040	\$	\$	\$	\$	\$
1	Office Roof Top	Trane	WCC024F100BD	N095NU82H 30-407-01	\$	\$	\$	\$	\$
1	Office Roof Top Inside Hangar Serves Room 105	Panasonic	CU-C24BKP6	592202282	\$	\$	\$	\$	\$
5	West Wall Interior	Various Thru-Wall AC Units	Various Thru-Wall AC Units	Various Thru-Wall AC Units	\$	\$	\$	\$	\$
1	Northwest Corner Mechanical Room	New York Blower	S3842	30-260-01	\$	\$	\$	\$	\$
1	Northwest Corner	Dunham Bush	N/A	N/A	\$	\$	\$	\$	\$
1	Hangar Door Hallway North	Heat Controller Inc.	A-DMC1BS8-1	A071183810	\$	\$	\$	\$	\$
2	Room 208	Various Window AC Units	Various Window AC Units	Various Window AC Units	\$	\$	\$	\$	\$
6	West Wall Exterior	Various Window AC Units	Various Window AC Units	Various Window AC Units	\$	\$	\$	\$	\$
2	West Wall Exterior	Various Wall Exhausters	Various Wall Exhausters	Various Wall Exhausters	\$	\$	\$	\$	\$
1	West Wall Inside	Heat Controller Inc.	N/A	N/A	\$	\$	\$	\$	\$
1	South West Corner Mechanical room	New York Blower	S3842	30-260-02	\$	\$	\$	\$	\$
1	Boiler Room	Central Air Conditioning	HMC018KDIS	206KA00196	\$	\$	\$	\$	\$
1	Boiler Room	Heat Controller Inc.	A-HMC09AS	404KATM0001 7	\$	\$	\$	\$	\$
1	Boiler Room	Delhi	G18	30-260-04	\$	\$	\$	\$	\$
1	Boiler Room	Cleaver Brooks	DT-C20	FG-2783	\$	\$	\$	\$	\$
1	Boiler Room	Darling	1U1/2HP	D2007121	\$	\$	\$	\$	\$
2	Boiler Room	Armstrong	3X3X8 4300TC	561519 (P1) 561520 (P2)	\$	\$	\$	\$	\$
1	Boiler Room	Heat Controller Inc	A-HMC12AS	404KAFX0014 7	\$	\$	\$	\$	\$
3	Boiler Room	Cleaver Brooks	M5P3500LV Series 700	MS-19511 (1) MS-19512 (2) MS-19509 (3)	\$	\$	\$	\$	\$
1	Boiler Room	Cleaver Brooks	DT-C20	FG-2784	\$	\$	\$	\$	\$

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Building: Hangar 14, 250 Croil Private									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Boiler Room	Dunham Bush	N/A	20-280-07	\$	\$	\$	\$	\$
1	Boiler Room	N/A	N/A	30-260-03	\$	\$	\$	\$	\$
Subtotal 12					\$	\$	\$	\$	\$
Total 12					\$				

Building: Hangar 11, 190 Convair Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Basement Mechanical Room	N/A	N/A	N/A 30-270-01	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Delhi	N/A	N/A 30-270-02	\$	\$	\$	\$	\$
1	Basement Mechanical Room	IPC	PV01	40-010-02	\$	\$	\$	\$	\$
1	Basement Mechanical Room	FRIULAIR	LTE3	063	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Armstrong	3X3X8 4300TC	565225	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Armstrong	3X3X8 4300TC	565226	\$	\$	\$	\$	\$
2	Basement Mechanical Room	Hydromatic	N/A	N/A	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Armstrong	N/A	N/A	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Giant	152ETE-3F7M	A4545994	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Giant	172ETE-3F8M-E8	A5529677	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Fantech	FG8XL	617271 30-260-04	\$	\$	\$	\$	\$
1	Basement Mechanical Room	N/A Condensate Receiver Tank c/w Duplex Pumps and Controls	N/A Condensate Receiver Tank c/w Duplex Pumps and Controls	N/A Condensate Receiver Tank c/w Duplex Pumps and Controls	\$	\$	\$	\$	\$
1	Hangar West Mezzanine	McQuay	CAH014GDAC	FB0U0908004 90	\$	\$	\$	\$	\$
1	Hangar Lower Roof West Side	RefPlus	OVZ-182-1H2-8	D2-009080013	\$	\$	\$	\$	\$

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Building: Hangar 11, 190 Convair Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Hangar Lower Roof West Side	Cook	100ACEH100C15 BH	405SC71137-00/0000701	\$	\$	\$	\$	\$
1	Hangar Lower Roof West Side	RefPlus	OVZ-162-1H2-8	D2-009080012	\$	\$	\$	\$	\$
1	Hangar East Mezzanine	McQuay	CAH012GDAC	FB0U0908000 02	\$	\$	\$	\$	\$
4	Air Marshall Area	Various Window Mounted Air Conditioners	Various Window Mounted Air Conditioners	Various Window Mounted Air Conditioners	\$	\$	\$	\$	\$
1	Hangar West Mezzanine	Comfort Air Heat Controller	SMA125A-0	163335843070 300030	\$	\$	\$	\$	\$
1	Hangar Lower Roof East Side	Daikin	RXS12DVJU	E002420	\$	\$	\$	\$	\$
1	Hangar Lower Roof East Side	Cook	70ACEH70C15DH	405SH71137-00/0002201	\$	\$	\$	\$	\$
1	Air Marshal Building	KeepRite	FVM4X6000A	A071183810	\$	\$	\$	\$	\$
1	Hangar 11 Upper Roof Top	Lennox	CHA16-413-1Y	5490J09276	\$	\$	\$	\$	\$
Subtotal 13					\$	\$	\$	\$	\$
Total 13					\$				

Building: # 553, 704 Bluenose Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Outside North West	Cambridge Engineering	M115	T041234H	\$	\$	\$	\$	\$
4	Inside	Plyovent	FUA-3000	N/A	\$	\$	\$	\$	\$
1	Inside	Cambridge Engineering	38-124	N/A	\$	\$	\$	\$	\$
Subtotal 14					\$	\$	\$	\$	\$
Total 14					\$				

Building: # 554, 708 Bluenose Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Outside East	Cambridge Engineering	M112	T041135G	\$	\$	\$	\$	\$
1	Inside	Plyovent 1800	N/A	N/A	\$	\$	\$	\$	\$
1	Inside	Cambridge Engineering	38-124	N/A	\$	\$	\$	\$	\$
Subtotal 15					\$	\$	\$	\$	\$
Total 15					\$				

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Building: # 555, 720 Bluenose Prvt.									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
4	Outside North	BARD	WG60CAXBXX4X XI	153N07241885 -1	\$	\$	\$	\$	\$
1	Men's Washroom	N/A Washroom Exhaust	N/A Washroom Exhaust	N/A Washroom Exhaust	\$	\$	\$	\$	\$
1	Women's Washroom	N/A Washroom Exhaust	N/A Washroom Exhaust	N/A Washroom Exhaust	\$	\$	\$	\$	\$
4	Various locations	Honeywell	TH3000	N/A	\$	\$	\$	\$	\$
1	Room #33 Men's Washroom	Rheem Ruud	EGS85C-18	1209L00721	\$	\$	\$	\$	\$
Subtotal 16					\$	\$	\$	\$	\$
Total 16					\$				

Air Cadet Trailer: 8 Clements Private									
No. of Units	Location Room No.	Make	Model	Serial Number	Year 1	Year 2	Year 3	Year 4	Year 5
1	Air Cadet Trailer	BARD	W30A1- A15XP4XXJ	298N102758799- 02	\$	\$	\$	\$	\$
Subtotal 17					\$	\$	\$	\$	\$
Total 17					\$				

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

Summary of Pricing Schedule 1

Note: The annual totals from each table will be added together and these totals must be placed in the 'Firm Price' column of each Summary table for each respective year. These annual Firm Price totals must then be divided into quarterly rates and put in the appropriate Firm Quarterly Rate space.

Pricing Schedule 1			
Period	Firm Quarterly Rate	Number of Quarters	Annual Firm Price
Year 1	\$	x 4	\$
Year 2	\$	x 4	\$
Year 3	\$	x 4	\$
Year 4	\$	x 4	\$
Year 5	\$	x 4	\$
Total of Pricing Schedule 1			\$

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 Scope of Work 8M3-1581-3, "Extra Work" will be conducted on an as and when requested basis where charges shall 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 E "Cost Estimate Form for Extra Work". Written authorization (Task Authorization Form PWGSC-TPSGC 572 (2014-04)) must be obtained from the Departmental Representative 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 **HVAC & Refrigeration Equipment Technician personnel** shall be:

Pricing Schedule 2.1 (i) - HVAC & Refrigeration Equipment Technician (Regular Time)					
i) Regular Hours 8:00 to 16:00, Monday to Friday	YEAR 1 RATE	YEAR 2 RATE	YEAR 3 RATE	YEAR 4 RATE	YEAR 5 RATE
Rate/Hour	\$ /HR				
Estimated quantity of hours per year:	200	200	200	200	200
Extended Price:	\$	\$	\$	\$	\$
2.1 (i) SUB-TOTAL:					\$

Pricing Schedule 2.1 (ii) - HVAC & Refrigeration Equipment Technician (Overtime)					
ii) Outside regular hours Monday to Saturday	YEAR 1 RATE	YEAR 2 RATE	YEAR 3 RATE	YEAR 4 RATE	YEAR 5 RATE
Rate/Hour	\$ /HR				
Estimated quantity of hours per year:	20	20	20	20	20
Extended Price:	\$	\$	\$	\$	\$
2.1 (ii) SUB-TOTAL:					\$

Pricing Schedule 2.1 (iii) - HVAC & Refrigeration Equipment Technician (Premium Overtime)					
iii) Premium Overtime: Sunday & Statutory Holidays	YEAR 1 RATE	YEAR 2 RATE	YEAR 3 RATE	YEAR 4 RATE	YEAR 5 RATE
Rate/Hour	\$ /HR	\$ /HR	\$ /HR	\$ /HR	\$ /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 **Gas Technician personnel** shall be:

Pricing Schedule 2.2 (i) – Gas Technician (Regular Time)					
	YEAR 1 RATE	YEAR 2 RATE	YEAR 3 RATE	YEAR 4 RATE	YEAR 5 RATE
i) Regular Hours 8:00 to 16:00, Monday to Friday					
Rate/Hour	\$ _____ /HR				
Estimated quantity of hours per year:	200	200	200	200	200
Extended Price:	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
2.2 (i) SUB-TOTAL:					\$ _____

Pricing Schedule 2.2 (ii) – Gas Technician (Overtime)					
	YEAR 1 RATE	YEAR 2 RATE	YEAR 3 RATE	YEAR 4 RATE	YEAR 5 RATE
ii) Outside regular hours Monday to Saturday					
Rate/Hour	\$ _____ /HR				
Estimated quantity of hours per year:	20	20	20	20	20
Extended Price:	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
2.2 (ii) SUB-TOTAL:					\$ _____

Pricing Schedule 2.2 (iii) – Gas Technician (Premium Overtime)					
	YEAR 1 RATE	YEAR 2 RATE	YEAR 3 RATE	YEAR 4 RATE	YEAR 5 RATE
iii) Premium Overtime Sunday & Statutory Holidays					
Rate/Hour	\$ _____ /HR				
Estimated quantity of hours per year:	10	10	10	10	10
Extended Price:	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
2.2 (iii) SUB-TOTAL:					\$ _____

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

Pricing Schedule 2.3 – Materials					
	YEAR 1 RATE	YEAR 2 RATE	YEAR 3 RATE	YEAR 4 RATE	YEAR 5 RATE
Mark-up	_____ %	_____ %	_____ %	_____ %	_____ %
Estimated Expenditure:	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
* Extended Price:	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
2.3 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). The estimated expenditures is for evaluation purposes only.

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 (i), (ii), (iii); 2.2 (i), (ii), (iii); 2.3 on form PWGSC-TPSGC 572 (2014-04) "Task Authorization Form".

TOTAL ASSESSED PROPOSAL PRICE

Sum of Basis of Pricing

Pricing Schedule 1: Table 1	= Subtotal \$ _____ +
Pricing Schedule 2: 2.1 (i) to (iii)	= Subtotal \$ _____ +
Pricing Schedule 2: 2.2 (i) to (iii)	= Subtotal \$ _____ +
Pricing Schedule 2: 2.3	= 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.

3.1.2 Electronic Payment of Invoices – Bid

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

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

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

Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

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Section IV: Additional Information

In Section IV of their bid, bidders should provide:

1. their legal name;
2. their Procurement Business Number (PBN);
3. the name of the contact person (provide also this person's mailing address, phone and facsimile numbers and email address) authorized by the bidder to enter into communications with Canada with regards to their offer, and any contract that may result from their offer; and
4. for Part 2, article 3, Former Public Servant, of the Request for Proposal: the required answer to each question; and, if the answer is yes, the required information.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

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

4.1.1 Technical Evaluation

4.1.1.1 Submission of Evidence

Submission of Evidence as described at 4.1.1.2 to 4.1.1.3 must 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.

4.1.1.2 HVAC & Refrigeration Equipment Technicians

To carry out the work on this requirement, the Bidder must provide three (3) HVAC & Refrigeration Equipment Technicians to perform maintenance of Heating, Ventilation and Air Conditioning (HVAC).

The Bidder must provide the name of each HVAC & Refrigeration Equipment Technicians:

Technician	First and Last Name
HVAC Technician 1	
HVAC Technician 2	
HVAC Technician 3	

The following certificates/cards must be provided for each HVAC Technicians proposed by the Bidder. Each of the certificate/card must be valid (not expired) as of the bid closing date of this RFP.

1. valid Ozone Depletion Prevention Card for the Province of Ontario (or approved interprovincial equivalent);
2. valid **Journey person (JP)** Refrigeration and Air Conditioning Certification Licence (or approved interprovincial equivalent);
3. A valid Fall Protection Certificate; and
4. A valid Aerial Manlift Certificate.

4.1.1.3 Gas Technicians

To carry out the work on this requirement, the Bidder must provide three (3) Gas Fired Equipment Technicians to perform maintenance of *Heating, Ventilation and Air Conditioning (HVAC)*.

The bidder must provide the name of each Gas Fired Equipment Technicians:

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Gas Technician	First and Last Name
Gas Technician 1	
Gas Technician 2	
Gas Technician 3	

The following certificates/cards must be provided for each Gas Fired Equipment Technicians proposed by the Bidder. Each of the certificate/card must be valid (not expired) as of the bid closing date of this RFP.

1. valid permanent Province of Ontario Certificate G1 (Gas Technician 1 or approved Red Seal interprovincial equivalent);
2. A valid Fall Protection Certificate; and
3. A valid Aerial Manlift Certificate.

4.1.2 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 AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default 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 will 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 Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, if applicable, the Integrity declaration form available on the Forms for the Integrity Regime website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

5.1.2 COVID-19 vaccination requirement certification

In accordance with the COVID-19 Vaccination Policy for Supplier Personnel, all Bidders must provide with their bid, the COVID-19 Vaccination Requirement Certification provided at Annex D-2 to Part 5, to be given further consideration in this procurement process. This Certification incorporated into the bid solicitation on its closing date is incorporated into, and forms a binding part of any resulting Contract.

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 section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - 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 available at the bottom of the page of the [Employment and Social](#)

[Development Canada \(ESDC\) - Labour's website \(https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#\)](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#).

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.

Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list during the period of the Contract.

The Bidder must provide the Contracting Authority with a completed annex titled Federal Contractors Program for Employment Equity - Certification, before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

5.3 Additional Certifications Precedent to Contract Award

5.3.1 Status and Availability of Resources

5.3.1.1 SACC Manual clause [A3005T](#) (2010-08-16) Status and Availability of Resources.

5.3.2 Education and Experience

5.3.2.1 SACC Manual clause [A3010T](#) (2010-08-16) Education and Experience.

PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS

6.1 Security Requirements

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 sites must meet the security requirements 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 refer to the [Contract Security Program](http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html) of Public Works and Government Services Canada (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website.

6.2 Employee Information for Security

The Bidder should specify the following information regarding employees proposed in Part 4, Section 4.1.1.2 and 4.1.1.3 (Technical Bid) to provide services against any resulting contract:

LEGAL NAME (First and Last)	DATE OF BIRTH dd-mm-yyyy	CURRENT CLEARANCE HELD

6.3 Financial Capability

SACC Manual clause [A9033T](#) (2012-07-16) Financial Capability

6.4 Insurance Requirements

6.4.1 Insurance - Proof of Availability Prior to Contract Award

The Bidder must provide a letter from an insurance broker or an insurance company licensed to operate in Canada stating that the Bidder, if awarded a contract as a result of the bid solicitation, can be insured in accordance with the Insurance Requirements specified in Contract at clause 7.13.

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If the information is not provided in the bid, 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.

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.

7.1.2 Task Authorization

The Work or a portion of the Work to be performed under the Contract will be on an "as and when requested basis" using a Task Authorization (TA). The Work described in the TA must be in accordance with the scope of the Contract.

7.1.2.1 Task Authorization Process

1. The Technical Authority will provide the Contractor with a description of the task using the Task Authorization" form specified in Annex G.
2. The Task Authorization (TA) will contain the details of the activities to be performed, a description of the deliverables, and a schedule indicating completion dates for the major activities or submission dates for the deliverables. The TA will also include the applicable basis and methods of payment as specified in the Contract.
3. The Contractor must provide the Technical Authority, within 5 calendar days of its receipt, the proposed total estimated cost for performing the task and a breakdown of that cost, established in accordance with the Basis of Payment specified in the Contract.
4. The Contractor must not commence work until a TA authorized by the Technical Authority has been received by the Contractor. The Contractor acknowledges that any work performed before a TA has been received will be done at the Contractor's own risk.

7.1.2.2 Task Authorization Limit

The Technical Authority may authorize individual task authorizations up to a limit of \$40,000, Applicable Taxes included, inclusive of any revisions.

Any task authorization to be issued in excess of that limit must be authorized by the Contracting Authority before issuance.

7.1.2.4 Minimum Work Guarantee - Task Authorizations

Canada's obligation with respect to the portion of the Work under the Contract that is performed through task authorizations is limited to the total amount of the actual tasks performed by the Contractor.

7.1.2.5 Periodic Usage Reports - Contracts with Task Authorizations

The Contractor must compile and maintain records on its provision of services to the federal government under authorized Task Authorizations issued under the Contract.

The Contractor must provide this data in accordance with the reporting requirements detailed below. If some data is not available, the reason must be indicated. If services are not provided during a given period, the Contractor must still provide a "nil" report.

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

The quarterly periods are defined as follows:

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

The data must be submitted to the Contracting Authority no later than 15 calendar days after the end of the reporting period.

Reporting Requirement - Details

A detailed and current record of all authorized tasks must be kept for each contract with a task authorization process. This record must contain

For each authorized task:

- i. the authorized task number or task revision number(s);
- ii. a title or a brief description of each authorized task;
- iii. the total estimated cost specified in the authorized Task Authorization (TA) of each task, exclusive of Applicable Taxes;
- iv. the total amount, exclusive of Applicable Taxes, expended to date against each authorized task;
- v. the start and completion date for each authorized task; and
- vi. the active status of each authorized task, as applicable.

For all authorized tasks:

- i. the amount (exclusive of Applicable Taxes) specified in the contract (as last amended, as applicable) as Canada's total liability to the contractor for all authorized TAs; and
- ii. the total amount, exclusive of Applicable Taxes, expended to date against all authorized TAs.

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) (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 \(2021-12-02\)](#), General Conditions - Higher Complexity - Services, apply to and form part of the Contract.

7.3 Security Requirements

7.3.1 The following security requirements (SRCL and related clauses provided by the Contract Security Program) apply and form part of the Contract.

1. The Contractor/Offeror must, at all times during the performance of the Contract/Standing Offer, hold a valid Designated Organization Screening (DOS), issued by the Contract Security Program (CSP), Public Works and Government Services Canada (PWGSC).
2. The Contractor/Offeror personnel requiring access to sensitive site(s) must EACH hold a valid RELIABILITY STATUS, granted or approved by the CSP, PWGSC. Until the security screening of the Contractor personnel required by this Contract has been completed satisfactorily by the CSP, PWGSC, the Contractor personnel MAY NOT ENTER sites without an escort.
3. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of the CSP, 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) Contract Security Manual (Latest Edition).

7.4 Term of Contract

7.4.1 Period of Contract

The period of the Contract is from _____ to _____ inclusive. *(to be inserted at contract award)*

7.5 Authorities

7.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Christine Seguin
Title: Supply Officer
Public Works and Government Services Canada
Acquisitions Branch
Real Property Contracting Directorate
140 O'Connor Street, East Tower, 4th Floor
Ottawa, ON K1A 0S5

Telephone: 343-574-2819
E-mail address: Christine.Seguin@tpsgc-pwgsc.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 Project Authority

The Project Authority for the Contract is:

Name: _____
Title: _____
Organization: _____

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Address: _____

Telephone: ____-____-____

Facsimile: ____-____-____

E-mail address: _____

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

7.5.3 Contractor's Representative

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

Name: _____

Title: _____

Company Name: _____

Address: _____

Telephone: _____

Facsimile: _____

Cellular: _____

E-mail: _____

7.6 Proactive Disclosure of Contracts with Former Public Servants

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: 2019-01](#) of the Treasury Board Secretariat of Canada.

7.7 Payment

7.7.1 Basis of Payment - Firm Unit Price

In consideration of the Contractor satisfactorily completing all of its obligations under the contract, the Contractor will be paid in accordance with the basis of payment, as detailed in the Basis of Payment below for a cost of \$ _____ *insert the amount at contract award*). Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been authorized, in writing, by the Contracting Authority before their incorporation into the Work.

(pricing schedule will be inserted at contract award.)

7.7.2 Limitation of Expenditure - Cumulative Total of all Task Authorizations

1. Canada's total liability to the Contractor under the Contract for all authorized Task Authorizations (TAs), inclusive of any revisions, must not exceed the sum of \$ _____. Customs duties are included and Applicable Taxes are extra.
2. No increase in the total liability of Canada will be authorized or paid to the Contractor unless an increase has been approved, in writing, by the Contracting Authority.
3. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:
 - a. when it is 75 percent committed, or
 - b. four (4) months before the contract expiry date, or
 - c. as soon as the Contractor considers that the sum is inadequate for the completion of the Work required in all authorized TAs, inclusive of any revisions, whichever comes first.
4. 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.

7.7.3 Method of Payment

7.7.3.1 Single Payment

Canada will pay the Contractor upon completion and delivery of the Work in accordance with the payment provisions of the Contract if:

- a. an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all such documents have been verified by Canada;
- c. the Work delivered has been accepted by Canada.

7.7.4 SACC Manual Clauses

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

A3015C (2014-06-26) Certifications – Contract

7.7.5 Electronic Payment of Invoices – Contract

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

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

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 *quarterly* maintenance report described in "the Statement of Work article 4 – Reporting" 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:

(Invoicing instructions will be inserted at contract award)

7.9 Certifications and Additional Information

7.9.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

7.9.2 Federal Contractors Program for Employment Equity - Default by the Contractor

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and Employment and Social Development Canada (ESDC)-Labour, the AIEE must remain valid during the entire period of the Contract. If the AIEE becomes invalid, the name of the Contractor will be added to the "[FCP Limited Eligibility to Bid](#)" list. The imposition of such a sanction by ESDC will constitute the Contractor in default as per the terms of the Contract.

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 (2021-12-02);
- (c) Annex A, Statement of Work;
- (d) Annex B, Security Requirements Check List;
- (e) Annex E, Cost estimate Form for Extra Work;
- (f) Annex G, the signed Task Authorizations (including all of its annexes, if any);
- (g) the Contractor's bid dated _____, *(to insert at the time of contract award)*.

7.12 Foreign Nationals (Canadian Contractor)

SACC Manual clause [A2000C](#) (2006-06-16) Foreign Nationals (Canadian Contractor)

7.13 Insurance Requirements

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, custody or control exclusion found in a standard policy.
- j. Notice of Cancellation: The Contractor will provide the Contracting Authority thirty (30) days prior written notice of policy cancellation or any changes to the insurance policy.
- 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. Owners' or Contractors' Protective Liability: Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.
- m. Non-Owned Automobile Liability - Coverage for suits against the Contractor resulting from the use of hired or non-owned vehicles.
- n. Advertising Injury: While not limited to, the endorsement must include coverage piracy or misappropriation of ideas, or infringement of copyright, trademark, title or slogan.
- o. All Risks Tenants Legal Liability - to protect the Contractor for liabilities arising out of its occupancy of leased premises.
- p. Sudden and Accidental Pollution Liability (minimum 120 hours): To protect the Contractor for liabilities arising from damages caused by accidental pollution incidents.
- q. 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

The Contractor's Foreman or Site Supervisor must be equipped with a cellular phone at all times. All expenses including installation, air time, activating fees, and the cost of the phones themselves, is 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 Contract

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

(Add lines if needed)

7.18 Dispute Resolution

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "[Dispute Resolution](#)".

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ANNEX "A"

STATEMENT OF WORK

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ANNEX "B"

SECURITY REQUIREMENTS CHECK LIST

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ANNEX "C" to PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

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

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

ANNEX “D-1” to PART 5 OF THE BID SOLICITATION

FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY – CERTIFICATION

I, the Bidder, by submitting the present information to the Contracting Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare a bid non-responsive, or will declare a contractor in default, if a certification is found to be untrue, whether during the bid evaluation period or during the contract period. Canada will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with any request or requirement imposed by Canada may render the bid non-responsive or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\) – Labour's](#) website.

Date: _____(YYYY/MM/DD) (If left blank, the date will be deemed to be the bid solicitation closing date.)

Complete both A and B.

A. Check only one of the following:

- A1. The Bidder certifies having no work force in Canada.
- A2. The Bidder certifies being a public sector employer.
- A3. The Bidder certifies being a [federally regulated employer](#) being subject to the [Employment Equity Act](#).
- A4. The Bidder certifies having a combined work force in Canada of less than 100 permanent full-time and/or permanent part-time employees.

A5. The Bidder has a combined workforce in Canada of 100 or more employees; and

- A5.1. The Bidder certifies already having a valid and current [Agreement to Implement Employment Equity](#) (AIEE) in place with ESDC-Labour.
- OR**
- A5.2. The Bidder certifies having submitted the [Agreement to Implement Employment Equity \(LAB1168\)](#) to ESDC-Labour. As this is a condition to contract award, proceed to completing the form Agreement to Implement Employment Equity (LAB1168), duly signing it, and transmit it to ESDC-Labour.

B. Check only one of the following:

- B1. The Bidder is not a Joint Venture.

OR

- B2. The Bidder is a Joint venture and each member of the Joint Venture must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification. (Refer to the Joint Venture section of the Standard Instructions)

ANNEX "D-2" to PART 5 OF THE BID SOLICITATION

COVID-19 Vaccination Requirement Certification

I, _____ (first and last name), as the representative of
_____ (name of business) pursuant to
_____ (insert solicitation number), warrant and certify that all
personnel that _____ (name of business) will provide on the
resulting Contract who access federal government workplaces where they may come into contact with
public servants will be:

- (a) fully vaccinated against COVID-19;
- (b) for personnel that are unable to be vaccinated due to a certified medical contraindication, religion or other prohibited grounds of discrimination under the Canadian Human Rights Act, subject to accommodation and mitigation measures that have been presented to and approved by Canada; or
- (c) partially vaccinated against COVID-19 for a period of up to 10 weeks from the date of their first dose and subject to temporary measures that have been presented to and approved by Canada, immediately after which period the personnel will meet the conditions of (a) or (b) or will no longer access federal government workplaces where they may come into contact with public servants under this Contract;

until such time that Canada indicates that the vaccination requirements of the COVID-19 Vaccination Policy for Supplier Personnel are no longer in effect.

I certify that all personnel provided by _____ (*name of business*) have been notified of the vaccination requirements of the Government of Canada's COVID-19 Vaccination Policy for Supplier Personnel, and that the _____ (*name of business*) has certified to their compliance with this requirement.

I certify that the information provided is true as of the date indicated below and will continue to be true for the duration of the Contract. I understand that the certifications provided to Canada are subject to verification at all times. I also understand that Canada will declare a contractor in default, if a certification is found to be untrue, whether made knowingly or unknowingly, during the bid or contract period. Canada reserves the right to ask for additional information to verify the certifications. Failure to comply with any request or requirement imposed by Canada will constitute a default under the Contract.

Signature: _____
Date: _____

Optional

For data purposes only, initial below if your business already has its own mandatory vaccination policy or requirements for employees in place. Initialing below is not a substitute for completing the mandatory certification above.

Initials: _____

Information you provide on this Certification Form and in accordance with the Government of Canada's COVID-19 Vaccination Policy for Supplier Personnel will be protected, used, stored and disclosed in accordance with the Privacy Act. Please note that you have a right to access and correct any information on your file, and you have a right to file a complaint with the Office of the Privacy Commissioner regarding the handling of your personal information. These rights also apply to all individuals who are deemed to be personnel for the purpose for the Contract and who require access to federal government workplaces where they may come into contact with public servants.

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ANNEX "E"

COST ESTIMATE FORM FOR EXTRA WORK

ANNEX "F"

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.

*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:*

¹ The journeyman-apprentice ratio is defined as the number of qualified/certified journeymen 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.

Solicitation No. - N° de l'invitation
EJ196-220919/A
Client Ref. No. - N° de réf. du client
20220919

Amd. No. - N° de la modif.
File No. - N° du dossier
fk328. EJ196-220919

Buyer ID - Id de l'acheteur
fk328
CCC No./N° CCC - FMS No./N° VME

ANNEX "G"

TASK AUTHORIZATION FORM PWGSC-TPSGC 572

SW 1 General

- .1 The Contractor must 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 must 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) and also adhere to all Federal, Provincial, and Municipal Environmental Regulations as they pertain to the services requested herein.
- .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 & Refrigeration equipment - Three (3) service personnel with:**
 1. valid Ozone Depletion Prevention Card for the Province of Ontario (or approved interprovincial equivalent);
 2. valid **Journeyperson (JP)** Refrigeration and Air Conditioning Certification Licence (or approved interprovincial equivalent);
 3. A valid Fall Protection Certificate;
 4. A valid Aerial Manlift Certificate.
 - .2 **Gas Fired Appliances - Three (3) service personnel with:**
 1. valid permanent Province of Ontario Certificate G1 (Gas Technician 1 or approved Red Seal interprovincial equivalent);
 2. A valid Fall Protection Certificate;
 3. A valid Aerial Manlift Certificate.
- .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 must, 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 Scope of Work - preventive maintenance / inspection

.1 General

The Contractor must 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 (including but not limited to condensate pans and pump strainers), lubrication; all labour and material costs associated with the replacement of drive belts and filters.

.3 Performance

The Contractor must 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.

.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 must provide clear and concise rational of the events leading up to the failure.

.5 Extra Work

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

- .1 During repair or replacements the Contractor must use closed-loop refrigerant recovery equipment to minimize Refrigerant emissions. A complete leak test on all refrigeration systems must be performed twice during the calendar year (6 month intervals), and repairs made as required. Units must 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 must 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 must notify the Technical Authority immediately so that remedial action can be taken.
- .4 The Contractor must not leave waste materials on site unless approved by the Technical Authority.
- .5 The Contractor must 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 must 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 must be inspected monthly or more frequently if found necessary, to provide trouble free operation.

.2 Scheduling

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

.3 Maintenance Plan

Contractor must 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 must contain and reflect the manufacturer's recommended maintenance and all requirements of this agreement. The proposed maintenance plan must be reviewed by the Technical Authority and may require revision by the Contractor to meet Technical Authority's requirements. Any such changes must 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 must 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 must 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 must 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 must 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 must be coordinated with the PWGSC site authority. The performance of the work required must provide for operation of the complete system(s) based on original design or subsequent approved design modifications, and must be as recommended by the manufacturer(s).

- .1 A thorough inspection and cleaning of the boiler(s) waterside and fireside must 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) must be submitted to the Technical Authority upon completion.

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

The Contractor must 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 must 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 must 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 must 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 must be forwarded, with the quarterly invoice to the attention of:

Public Works and Government Services Canada
Maintenance & Operational Assurance
180 Kent Street, 18th Floor
Ottawa, Ontario
K1A 0S5
Attention of: **TECHNICAL AUTHORITY** dan.dompierre@tpsgc-pwgsc.gc.ca

Invoices **Must** include:

- (a) PWGSC reference (8M3-1581-3) & contract number (EJ196-220919)
- (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	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

No. of Units	Location Room No.	Make	Model	Serial Number	Details
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	Exterior Wall East	Mitsubishi Mr. Slim	PUY-A36NHA4	36U11571C	DX Ductless Split Unit Serving Church, R-410A, 6lbs 10oz
1	Exterior Wall East	Mitsubishi Mr. Slim	PUY-A36NHA4	34U10937C	DX Ductless Split Unit Serving Church, R-410A, 6lbs 10oz
1	Exterior Wall West	Mitsubishi Mr. Slim	PUY-A24NHA4	23U11779B	DX Ductless Split Unit Serving Church, R-410A, 6lbs 10oz
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

No. of Units	Location Room No.	Make	Model	Serial Number	Details
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, 450 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

No. of Units	Location Room No.	Make	Model	Serial Number	Details
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	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

Building: # 465, 465 Slemon Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Office Area	Rheem	RH2T60 24MEACJA	W101632396	DX Air Handling Unit c/w 25kW Duct Heater and Condensate Pump. Filter: 1X16X25X1 Pleated
1	Outside	Rheem	RA2060 AJVCB	W331613208	Air Cooled Condenser for Above, R410A (376 oz)

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	AV50N400	1815109961899	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	Nortec	EL Series	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	York	YD240C00A5AAA4	N2L0269279	Air Cooled Condenser, R-410A, 20 Ton, 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

No. of Units	Location Room No.	Make	Model	Serial Number	Details
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

No. of Units	Location Room No.	Make	Model	Serial Number	Details
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 #115	Liebert	DS053ASB0EI000A	N16L8E0109	DX CRAC Unit 15 Tons, 575/3/60, 407C c/w 25kW Electric Reheat and Infrared Humidifier Filters: 7X16X25X4 Pleated
1	Roof	Liebert	DCDL251-B	C16M4FA027	Low Ambient Roof Top Condenser for Above, 575/3/60, 3 Fans
1	Computer Room #116	Liebert	DS053ASB0EI967A	N16L8E0159	DX CRAC Unit 15 Tons, 575/3/60, 407C c/w 25kW Electric Reheat and Infrared Humidifier Filters: 7X16X25X4 Pleated
1	Roof	Liebert	DCDL251-B	C16M4FA027	Low Ambient Roof Top Condenser for Above, 575/3/60, 3 Fans
1	Room #115	Aldes	E650-Fi	E650-Fi1701008	Energy Recovery Ventilator, 650 CFM
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

No. of Units	Location Room No.	Make	Model	Serial Number	Details
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

No. of Units	Location Room No.	Make	Model	Serial Number	Details
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-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

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Main Mechanical Room 124	Delhi	209 INS	30-270-07	Electrical Room Exhaust Fan, ¼ 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	Lennox	EL296UH135XE60D-03	5920F11559	Gas Fired Forced Air Furnace c/w T'stat Filter: 20X25X1 (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 Mechanical room	New York Blower	S3842	30-260-02	South Trench Heater (steam) Belt: 3XB133

No. of Units	Location Room No.	Make	Model	Serial Number	Details
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
3	Boiler Room	Cleaver Brooks	M5P3500LV Series 700	MS-19511 (1) MS-19512 (2) MS-19509 (3)	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 Convaiv 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, ¼ 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

No. of Units	Location Room No.	Make	Model	Serial Number	Details
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: <i>condenser is on airport tarmac, escort required</i>
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

Air Cadet Trailer: 8 Clements Private

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Air Cadet Trailer	BARD	W30A1-A15XP4XXJ	298N102758799-02	Thru-Wall Heating/Cooling Unit, 2.5 Ton DX, R-410a, Filter: 1-16X25X1 Pleated



Contract Number / Numéro du contrat EJ196-220919
Security Classification / Classification de sécurité UNCLASSIFIED

**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	Public Works and Government Services Canada	2. Branch or Directorate / Direction générale ou Direction RP-2 Managed Assets
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3. a) Subcontract Number / Numéro du contrat de sous-traitance	3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant
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4. Brief Description of Work / Brève description du travail
Five (5) Year Preventive Maintenance of HVAC Systems CFB Uplands, Ottawa

5. a) Will the supplier require access to Controlled Goods?
Le fournisseur aura-t-il accès à des marchandises contrôlées? No / Non 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? No / Non 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) No / Non 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. No / Non 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? No / Non 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"/>	No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>
Not releasable À ne pas diffuser <input type="checkbox"/>		
Restricted to: / Limité à : <input type="checkbox"/> Specify country(ies): / Préciser le(s) pays :	Restricted to: / Limité à : <input type="checkbox"/> Specify country(ies): / Préciser le(s) pays :	Restricted to: / Limité à : <input type="checkbox"/> 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"/>

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 checked="" type="checkbox"/> RELIABILITY STATUS
COTE DE FIABILITÉ | <input type="checkbox"/> CONFIDENTIAL
CONFIDENTIEL | <input 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:
Commentaires spéciaux : _____

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



Contract Number / Numéro du contrat EJ196-220919
Security Classification / Classification de sécurité UNCLASSIFIED

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 CONFIDENTIAL	NATO SECRET	COSMIC TOP SECRET / COSMIC TRÈS SECRET	PROTECTED / PROTÉGÉ			CONFIDENTIAL / CONFIDENTIEL	SECRET	TOP SECRET / TRÈS SECRET	
							NATO DIFFUSION RESTREINTE	NATO CONFIDENTIEL			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 « Classification de sécurité » au haut et au bas du formulaire.

12. b) Will the documentation 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).

ANNEX E
Cost Estimate Form For Extra Work

Contract Number: EJ196-

Contractor: _____

Date: _____

Description of Work:
(Please attach a separate sheet if required)

		Hourly Rate as per Contract		
I Direct Costs	No. of Hours	AC Technician	G1 Technician	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: _____)				\$ _____ (ii)
Total Direct Material Costs				
iii Other Direct Costs				
Other (Specify: _____)				
Total Other Direct Costs				\$ _____ (iii)
II Total Price				
Total Direct Costs (i + ii + iii) (GST/HST extra)				\$ _____

- Note: Materials will be charged at the applicable current Manufacturer's Published Price as per Contract.

Name: _____
 (Please print)

Signature: _____

Task Authorization Autorisation de tâche

Instruction for completing the form PWGSC - TPSGC 572 - Task Authorization
(Use form DND 626 for contracts for the Department of National Defence)

Instruction pour compléter le formulaire PWGSC - TPSGC 572 - Autorisation de tâche
(Utiliser le formulaire DND 626 pour les contrats pour le ministère de la Défense)

Contract Number

Enter the PWGSC contract number.

Numéro du contrat

Inscrire le numéro du contrat de TPSGC.

Contractor's Name and Address

Enter the applicable information

Nom et adresse de l'entrepreneur

Inscrire les informations pertinentes

Security Requirements

Enter the applicable requirements

Exigences relatives à la sécurité

Inscrire les exigences pertinentes

Total estimated cost of Task (Applicable taxes extra)

Enter the amount

Coût total estimatif de la tâche (Taxes applicables en sus)

Inscrire le montant

For revision only

Aux fins de révision seulement

TA Revision Number

Enter the revision number to the task, if applicable.

Numéro de la révision de l'AT

Inscrire le numéro de révision de la tâche, s'il y a lieu.

Total Estimated Cost of Task (Applicable taxes extra) before the revision

Enter the amount of the task indicated in the authorized TA or, if the task was previously revised, in the last TA revision.

Coût total estimatif de la tâche (Taxes applicables en sus) avant la révision

Inscrire le montant de la tâche indiquée dans l'AT autorisée ou, si la tâche a été révisée précédemment, dans la dernière révision de l'AT.

Increase or Decrease (Applicable taxes extra), as applicable

As applicable, enter the amount of the increase or decrease to the Total Estimated Cost of Task (Applicable taxes extra) before the revision.

Augmentation ou réduction (Taxes applicables en sus), s'il y a lieu

S'il y a lieu, inscrire le montant de l'augmentation ou de la réduction du Coût total estimatif de la tâche (Taxes applicables en sus) avant la révision.

1. Required Work: Complete sections A, B, C, and D, as required.

1. Travaux requis : Remplir les sections A, B, C et D, au besoin.

A. Task Description of the Work required:

A. Description de tâche des travaux requis :

Complete the following paragraphs, if applicable.
Paragraph (a) applies only if there is a revision to an authorized task.

Remplir les alinéas suivants, s'il y a lieu : L'alinéa (a) s'applique seulement s'il y a révision à une tâche autorisée.

(a) Reason for revision of TA, if applicable:
Include the reason for the revision; i.e. revised activities; delivery/completion dates; revised costs. Revisions to TAs must be in accordance with the conditions of the contract. See Supply Manual 3.35.1.50 or paragraph 6 of the Guide to Preparing and Administering Task Authorizations.

(a) Motif de la révision de l'AT, s'il y a lieu : Inclure le motif de la révision c.-à.-d., les activités révisées, les dates de livraison ou d'achèvement, les coûts révisés. Les révisions apportées aux AT doivent respecter les conditions du contrat. Voir l'article 3.35.1.50 du Guide des approvisionnements ou l'alinéa 6 du Guide sur la préparation et l'administration des autorisations de tâches.

(b) Details of the activities to be performed (include as an attachment, if applicable)

(b) Détails des activités à exécuter (joindre comme annexe, s'il y a lieu).

(c) Description of the deliverables to be submitted (include as an attachment, if applicable).

(c) Description des produits à livrer (joindre comme annexe, s'il y a lieu).

(d) Completion dates for the major activities and/or submission dates for the deliverables (include as an attachment, if applicable).

(d) Les dates d'achèvement des activités principales et (ou) les dates de livraison des produits (joindre comme annexe, s'il y a lieu).

B. Basis of Payment:

Insert the basis of payment or bases of payment that form part of the contract that are applicable to the task description of the work; e.g. firm lot price, limitation of expenditure, firm unit price

C. Cost of Task:**Insert Option 1 or 2:****Option 1:**

Total estimated cost of Task (Applicable taxes extra): Insert the applicable cost elements for the task determined in accordance with the contract basis of payment; e.g. Labour categories and rates, level of effort, Travel and living expenses, and other direct costs.

Option 2:

Total cost of Task (Applicable taxes extra): Insert the firm unit price in accordance with the contract basis of payment and the total estimated cost of the task.

D. Method of Payment

Insert the method(s) of payment determined in accordance with the contract that are applicable to the task; i.e. single payment, multiple payments, progress payments or milestone payments. For milestone payments, include a schedule of milestones.

B. Base de paiement :

Insérer la base ou les bases de paiement qui font partie du contrat qui sont applicables à la description du travail à exécuter : p. ex., prix de lot ferme, limitation des dépenses et prix unitaire ferme.

C. Coût de la tâche :**Insérer l'option 1 ou 2****Option 1 :**

Coût total estimatif de la tâche (Taxes applicables en sus) Insérer les éléments applicables du coût de la tâche établies conformément à la base de paiement du contrat. p. ex., les catégories de main d'œuvre, le niveau d'effort, les frais de déplacement et de séjour et autres coûts directs.

Option 2 :

Coût total de la tâche (Taxes applicables en sus) : Insérer le prix unitaire ferme conformément à la base de paiement du contrat et le coût estimatif de la tâche.

D. Méthode de paiement

Insérer la ou les méthode(s) de paiement établit conformément au contrat et qui sont applicable(s) à la tâche; c.-à.-d., paiement unique, paiements multiples, paiements progressifs ou paiements d'étape. Pour ces derniers, joindre un calendrier des étapes.

2. Authorization(s):

The client and/or PWGSC must authorize the task by signing the Task Authorization in accordance with the conditions of the contract. The applicable signatures and the date of the signatures is subject to the TA limits set in the contract. When the estimate of cost exceeds the client Task Authorization's limits, the task must be referred to PWGSC.

3. Contractor's Signature

The individual authorized to sign on behalf of the Contractor must sign and date the TA authorized by the client and/or PWGSC and provide the signed original and a copy as detailed in the contract.

2. Autorisation(s) :

Le client et (ou) TPSGC doivent autoriser la tâche en signant l'autorisation de tâche conformément aux conditions du contrat. Les signatures et la date des signatures appropriées sont assujetties aux limites d'autorisation de tâche établies dans le contrat . Lorsque l'estimation du coût dépasse les limites d'autorisation de tâches du client, la tâche doit être renvoyée à TPSGC.

3. Signature de l'entrepreneur

La personne autorisée à signer au nom de l'entrepreneur doit signer et dater l'AT, autorisée par le client et (ou) TPSGC et soumettre l'original signé de l'autorisation et une copie tel que décrit au contrat.



Task Authorization Autorisation de tâche

Contract Number - Numéro du contrat

Contractor's Name and Address - Nom et l'adresse de l'entrepreneur	Task Authorization (TA) No. - N° de l'autorisation de tâche (AT)
	Title of the task, if applicable - Titre de la tâche, s'il y a lieu
	Total Estimated Cost of Task (Applicable taxes extra) Coût total estimatif de la tâche (Taxes applicables en sus) \$

Security Requirements: This task includes security requirements
Exigences relatives à la sécurité : Cette tâche comprend des exigences relatives à la sécurité

No - Non Yes - Oui If YES, refer to the Security Requirements Checklist (SRCL) included in the Contract
Si OUI, voir la Liste de vérification des exigences relative à la sécurité (LVERS) dans le contrat

▶

For Revision only - Aux fins de révision seulement

TA Revision Number, if applicable Numéro de révision de l'AT, s'il y a lieu	Total Estimated Cost of Task (Applicable taxes extra) before the revision Coût total estimatif de la tâche (Taxes applicables en sus) avant la révision \$	Increase or Decrease (Applicable taxes extra), as applicable Augmentation ou réduction (Taxes applicables en sus), s'il y a lieu \$
--	--	---

Start of the Work for a TA : Work cannot commence until a TA has been authorized in accordance with the conditions of the contract. **Début des travaux pour l'AT : Les travaux ne peuvent pas commencer avant que l'AT soit autorisée conformément au contrat.**

1. Required Work: - Travaux requis :

A. Task Description of the Work required - Description de tâche des travaux requis	See Attached - Ci-joint <input type="checkbox"/>
B. Basis of Payment - Base de paiement	See Attached - Ci-joint <input type="checkbox"/>
C. Cost of Task - Coût de la tâche	See Attached - Ci-joint <input type="checkbox"/>
D. Method of Payment - Méthode de paiement	See Attached - Ci-joint <input type="checkbox"/>

Contract Number - Numéro du contrat

2. Authorization(s) - Autorisation(s)

By signing this TA, the authorized client and (or) the PWGSC Contracting Authority certify(ies) that the content of this TA is in accordance with the conditions of the contract.

En apposant sa signature sur l'AT, le client autorisé et (ou) l'autorité contractante de TPSGC atteste(nt) que le contenu de cette AT respecte les conditions du contrat.

The client's authorization limit is identified in the contract. When the value of a TA and its revisions is in excess of this limit, the TA must be forwarded to the PWGSC Contracting Authority for authorization.

La limite d'autorisation du client est précisée dans le contrat. Lorsque la valeur de l'AT et ses révisions dépasse cette limite, l'AT doit être transmise à l'autorité contractante de TPSGC pour autorisation.

Name and title of authorized client - Nom et titre du client autorisé à signer

Signature

Date

PWGSC Contracting Authority - Autorité contractante de TPSGC

Signature

Date

3. Contractor's Signature - Signature de l'entrepreneur

Name and title of individual authorized - to sign for the Contractor
Nom et titre de la personne autorisée à signer au nom de l'entrepreneur

Signature

Date