



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Public Works Government Services Canada- Bid
Receiving / Réception des soumissions
189 Prince William Street
Room 405
Saint John
New Brunswick
E2L 2B9

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

Regional Individual Standing Offer (RISO)
Offre à commandes individuelle régionale (OCIR)

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

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

Comments - Commentaires

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

Issuing Office - Bureau de distribution
Public Works Government Services Canada- Bid
Receiving / Réception des soumissions
189 Prince William Street
Room 405
Saint John
New Bruns
E2L 2B9

Title - Sujet RISO A/C,Heat,Vent Repairs-Gagetown	
Solicitation No. - N° de l'invitation W6837-175282/A	Date 2016-08-05
Client Reference No. - N° de référence du client W6837-175282	GETS Ref. No. - N° de réf. de SEAG PW-\$PWB-004-3932
File No. - N° de dossier PWB-6-39063 (004)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-09-20	
Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT	
Delivery Required - Livraison exigée See Herein	
Address Enquiries to: - Adresser toutes questions à: Doucet, Gisele PWB	Buyer Id - Id de l'acheteur pwb004
Telephone No. - N° de téléphone (506)636-4541 ()	FAX No. - N° de FAX (506)636-4376
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE REAL PROPERTY OPERATIONS DETACHMENT BLDG B18, 238 CHAMPLAIN AVE. OROMOCTO New Brunswick E2V 4J5 Canada	
Security - Sécurité This request for a Standing Offer does not include provisions for security. Cette Demande d'offre à commandes ne comprend pas des dispositions en matière de sécurité.	

Instructions: See Herein

Instructions: Voir aux présentes

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

REQUEST FOR STANDING OFFER (RFSO)

REFRIGERATION / AIR CONDITIONING, HEATING AND VENTILATION REPAIRS 5 CDSB GAGETOWN, N.B.

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PART 1 - GENERAL INFORMATION

1. Introduction

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

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Offeror Instructions: provides the instructions applicable to the clauses and conditions of the RFSO;
- Part 3 Offer Preparation Instructions: provides Offerors with instructions on how to prepare their offer to address the evaluation criteria specified;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the offer, and the basis of selection;
- Part 5 Certifications and Additional Information: includes the certifications and additional information to be provided;
- Part 6 Security, Financial and Insurance Requirements: includes specific requirements that must be addressed by Offerors; and
- Part 7 7A, Standing Offer, and 7B, Resulting Contract Clauses:
 - 7A, includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions;
 - 7B, includes the clauses and conditions which will apply to any contract resulting from a call-up made pursuant to the Standing Offer.

The Annexes include the Basis of Payment, Certifications, Electronic Payment Instruments, the Bidder's Board of Directors and the Specification.

2. Summary

The Department of National Defence (DND) has a requirement for the establishment of a Regional Individual Standing Offer (RISO). This Standing Offer is for the furnishing of all labour, materials, tools and equipment required to repair or replace refrigeration, air-conditioning, plumbing, hydronic heating, propane, natural gas and ventilation systems at 5 CDSB Gagetown, New Brunswick.

The period of the Standing Offer shall be from the Date of Award to March 31, 2018.

The requirement is subject to the provisions of the Agreement on Internal Trade (AIT), the North American Free Trade Agreement (NAFTA), the World Trade Organization Agreement (WTO-AGP) and the Canada-Columbia, Canada-Peru and Canada-Panama Free Trade Agreements (FTA's).

Solicitation No. - N° de l'invitation

W6837-175282/A

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

W6837-175282

Amd. No. - N° de la modif.

File No. - N° du dossier
PWB-6-39063

Buyer ID - Id de l'acheteur

PWB004

CCC No./N° CCC - FMS No./N° VME

1.3 Debriefings

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

PART 2 - OFFEROR INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

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

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

The 2006 (2016/04/04) Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the RFSO.

1.1 SACC Manual Clauses

SACC Reference	Section	Date
C9000T	Pricing	2010/08/16
M0019T	Firm Price and/or Rates	2007/05/25

2. Submission of Offers

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

Offers by facsimile will be accepted. Facsimile Number is (506) 636-4376.

3. Enquiries - Request for Standing Offers

All enquiries must be submitted in writing to the Standing Offer Authority no later than **five (5)** calendar days before the Request for Standing Offers (RFSO) closing date. Enquiries received after that time may not be answered.

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

4. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in **New Brunswick**.

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

5. Former Public Servant

Former Public Servant - Competitive - Offer

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPS, offerors must provide the information required below before the issuance of a standing offer. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of offers is completed, Canada will inform the Offeror of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the offer 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 Offeror a FPS in receipt of a pension? YES () NO ()

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

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

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

Work Force Adjustment Directive

Is the Offeror a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **YES** () **NO** ()

If so, the Offeror must provide the following information:

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

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

PART 3 - OFFER PREPARATION INSTRUCTIONS

1. Offer Preparation Instructions

Section I: Financial Offer

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

1.1 Electronic Payment of Invoices - Offer

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

If Annex "D" 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.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

Offers will be assessed in accordance with the entire requirement of the Request for Standing Offers including the technical and financial evaluation criteria.

1.1 Financial Evaluation

1.1.1

The evaluated cost/total bid price will be the total estimated cost detailed in Annex B, Basis of Payment. The total estimated cost will be the total of the initial period plus the option periods for an overall total.

2. Basis of Selection

An offer must comply with the requirements of the Request for Standing Offers and meet all mandatory technical evaluation criteria to be declared responsive. The responsive offer with the lowest total evaluated price will be recommended for issuance of a standing offer.

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

1. Certifications Required with the Offer

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

1.1 Integrity Provisions - Declaration of Convicted Offences

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

2. Certifications Precedent to the Issuance of a Standing Offer and Additional Information

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

2.1 Integrity Provisions – Required Documentation

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

2.2 Federal Contractors Program for Employment Equity - Standing Offer Certification

By submitting an offer, the Offeror certifies that the Offeror, and any of the Offeror's members if the Offeror is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list) available at the bottom of the page of the Employment and Social Development Canada-Labour's website (http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969).

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

PART 6 - FINANCIAL AND INSURANCE REQUIREMENTS

1. Financial Capability

SACC Manual clause M9033T (2011/05/16) Financial Capability

2. Insurance Requirements

The Offeror must provide a letter from an insurance broker or an insurance company licensed to operate in Canada stating that the Offeror, if issued a standing offer as a result of the request for standing offer, can be insured in accordance with the Insurance Requirements specified in **Annex B**. If the information is not provided in the offer, the Standing Offer Authority will so inform the Offeror and provide the Offeror with a time frame within which to meet the requirement. Failure to comply with the request of the Standing Offer Authority and meet the requirement within that time period will render the offer non-responsive

PART 7 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

A. STANDING OFFER

1. Offer

1.1 The Offeror offers to fulfill the requirement in accordance with the Statement of Work at Annex "E".

2. Standard Clauses and Conditions

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

2.1 General Conditions

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

3. Term of Standing Offer

3.1 Period of the Standing Offer

The period for making call-ups against the Standing Offer is from the Date of Award to March 31, 2018.

4. Authorities

4.1 Standing Offer Authority

The Standing Offer Authority is:

Name: Gisèle Doucet
Title: Supply Specialist
Public Services and Procurement Canada
Acquisitions Branch
Address: Rm 405, 189 Prince William St.
Saint John, New Brunswick
E2L 2B9

Telephone: (506) 636-4541
Facsimile: (506) 636-4376
E-mail address: gisele.doucet@pwgsc-tpsgc.gc.ca

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

4.2 Project Authority

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

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

4.3 Offeror's Representative (to be completed by the Offeror)

Name: _____

Telephone: _____

Facsimile: _____

E-mail address: _____

5. 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: 2012-2 of the Treasury Board Secretariat of Canada.

6. Identified Users

The Identified User authorized to make call-ups against the Standing Offer is: Department of National Defence.

7. Call-up Instrument

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

8. Limitation of Call-ups

Individual call-ups against the Standing Offer must not exceed \$100,000.00 (Harmonized Sales Tax included).

9. Financial Limitation

The total cost to Canada resulting from call ups against the Standing Offer must not exceed the sum of \$800,000.00 (Harmonized Sales Tax included) unless otherwise authorized in writing by the Standing Offer Authority. The Offeror must not perform any work or services or supply any articles in response to call ups which would cause the total cost to Canada to exceed the said sum, unless an increase is so authorized.

The Offeror must notify the Standing Offer Authority as to the adequacy of this sum when 75 percent of this amount has been committed, or four (4) months before the expiry date of the Standing Offer, whichever comes first. However, if at any time, the Offeror considers that the said sum may be exceeded, the Offeror must promptly notify the Standing Offer Authority.

10. Priority of Documents

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

- a) the call up against the Standing Offer, including any annexes;
- b) the articles of the Standing Offer;
- c) the general conditions 2005 (2016/04/04), General Conditions - Standing Offers - Goods or Services
- d) Supplemental General Conditions 2010C (2016/04/04), General Conditions – Services (Medium Complexity);
- e) Specifications;
- f) Annex "A", Basis of Payment;
- g) Any amendment issued or any allowable offer revision received before the date and time set for solicitation closing;
- h) the Offeror's offer

11. Certifications and Additional Information

11.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Offeror with its offer or precedent to issuance of the Standing Offer (SO), and the ongoing cooperation in providing additional information are conditions of issuance of the SO and failure to comply will constitute the Offeror in default. Certifications are subject to verification by Canada during the entire period of the SO and of any resulting contract that would continue beyond the period of the SO.

12. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in **New Brunswick**.

B. RESULTING CONTRACT CLAUSES

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

1. Statement of Work

The Contractor must perform the Work described in the call-up against the Standing Offer.

2. Standard Clauses and Conditions

2.1 General Conditions

Supplemental General Conditions 2010C (2016-04-04), General Conditions - Services (Medium Complexity); apply to and form part of the Contract

3. Term of Contract

3.1 Period of the Contract

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

4.. 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: 2012-2 of the Treasury Board Secretariat of Canada.

5. Payment

5.1 Basis of Payment

Refer to "Annex A", "Basis of Payment"

5.2 Limitation of Price

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

5.3 Single Payment

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

5.4 Electronic Payment of Invoices – Call-up

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

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

6. Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

2. Invoices must be distributed as follows:

(a) The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

7. Insurance Requirements

The Contractor must comply with the insurance requirements specified in Annex B. The Contractor must maintain the required insurance coverage for the duration of the Standing Offer. Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Standing Offer.

The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Standing Offer 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 Standing Offer Authority within seven (7) days after request from the Standing Offer Authority and prior to award of the Standing Offer, 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 Standing Offer Authority, forward to Canada a certified true copy of all applicable insurance policies.

ANNEX "A"
BASIS OF PAYMENT - PRICING SCHEDULE
Date to Award to March 31, 2018

Item	Description, Class of Labour, Material or Plant	Unit of Measure	Estimate d Hrs / Qty	Unit Price		Total Price	
				\$	€	\$	€
1	Unit rate for Refrigeration, Air conditioning Mechanic	Hour	1,800				
2	Unit rate for Journeyperson Sheet Metal Mechanic	Hour	1,100				
3	Unit rate for Journeyperson Oil Burner Mechanic	Hour	350				
4	Unit rate for Journeyperson G1 Gas Fitter	Hour	450				
5	Unit rate for Journeyperson Plumber	Hour	1,600				
6	Unit rate for Journeyperson Pipefitter/Steamfitter	Hour	100				
7	Unit rate for Labourer	Hour	1,900				
8	All products and materials will be invoiced at the Contractor's wholesale cost plus a percentage for mark-up; estimated at \$450,000. The Contractor is to submit a percent of mark-up for tendering purposes.	Allowance	\$450,000	Mark-up _____ % =		Allowance + Mark-up =	
				\$ _____		\$ _____	
<u>Total Estimated Amount used for Evaluation</u>				\$ _____			

Note: The estimated quantity entered in column five for each item is an estimate only for services as and when requested and does not infer that all the quantities for that item will be utilized or that the quantities may not be exceeded.

ANNEX "B"

Certifications Precedent to Standing Offer Award

1. Workers' Compensation Certification - Letter of Good Standing

Within seven (7) days and prior to award, provide proof that the Offeror has an account in good standing with the applicable provincial or territorial Workers' Compensation Board.
2. The Contractor must have available, when required, the following qualified tradespeople:
 - .1 Journeyperson plumber certified by the New Brunswick Department of Post Secondary Education, Labour and Training;
 - .2 Journeyperson Pipe Fitter/Steam Fitter certified by the New Brunswick Department of Post Secondary Education, Labour and Training;
 - .3 Journeyperson G1 Gas Fitter certified by the New Brunswick Department of Post Secondary Education, Labour and Training.
 - .4 Journeyperson Oil Burner Mechanic certified by the New Brunswick Department of Post Secondary Education, Labour and Training;
 - .5 Journeyperson Refrigeration and Air-Conditioning Mechanic certified by the New Brunswick Department of Post Secondary Education, Labour and Training and completed the Environment Canada Environmental Awareness Course for the Safe Handling of Refrigerants and be in possession of a Heating, Refrigeration and Air-Conditioning Institute (HRAI) card;
 - .6 Journeyperson Sheet Metal Mechanic certified by the New Brunswick Department of Post Secondary Education, Labour and Training.
Proof of the above certifications is required within seven (7) days of request from Standing Offer Authority and prior to award of Standing Offer Agreement.
3. Proof of liability insurance for a minimum amount of two million (\$2,000,000) as specified below.

INSURANCE REQUIREMENTS

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 the Department of National Defence.
 - (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 Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of policy cancellation.
 - (k) If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.
 - (l) 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) 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*

Solicitation No. - N° de l'invitation

W6837-175282/A

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

W6837-175282

Amd. No. - N° de la modif.

File No. - N° du dossier
PWB-6-39063

Buyer ID - Id de l'acheteur

PWB004

CCC No./N° CCC - FMS No./N° VME

*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.

ANNEX "C" to PART 3 OF THE REQUEST FOR STANDING OFFERS

ELECTRONIC PAYMENT INSTRUMENTS

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

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

Solicitation No. - N° de l'invitation

W6837-175282/A

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

W6837-175282

Amd. No. - N° de la modif.

File No. - N° du dossier
PWB-6-39063

Buyer ID - Id de l'acheteur

PWB004

CCC No./N° CCC - FMS No./N° VME

ANNEX "E"

SPECIFICATION



**DEPARTMENT OF NATIONAL DEFENCE
REAL PROPERTY OPERATIONS
DETACHMENT (GAGETOWN)
5 CDSB GAGETOWN**

SPECIFICATION

STANDING OFFER AGREEMENT

**REFRIGERATION/AIR CONDITIONING,
HEATING, AND VENTILATION REPAIRS
VARIOUS BUILDINGS
DATE OF AWARD TO 31 MARCH 2018.**

Designed by

Fire Inspector

Project O

Engineering O

PF No:

Job No: L-G2-9900/1731

Date: 2016-07-19

<u>Section</u>	<u>Title</u>	<u>Pages</u>
<u>Division 00 - Procurement and Contracting Requirements</u>		
00 21 13	Instructions to Bidders	6
<u>Division 01 - General Requirements</u>		
01 35 30	Health and Safety Requirements	2
01 35 35	DND Fire Safety Requirements	3
01 35 43	Environmental Procedures	1
<u>List of Annexes</u>		
Annex A	Systems Service Log	1
Annex B	Leak Test Notice	1
Annex C	Halocarbon Reporting Procedure	1
Annex D	Isolation and Lockout Procedures	1
Annex E	Basis of Payment	1

END OF SECTION

1 GENERAL

1.01 DESCRIPTION OF WORK

- .1 The work covered under this Standing Offer Agreement comprises the furnishing of all labour, materials, tools and equipment required to repair or replace Refrigeration, Air-Conditioning, Plumbing, Hydronic Heating, Propane, Natural Gas and Ventilation Systems at 5 CDSB Gagetown when requested on Form CF942, Call-Up Against a Standing Offer, and as specified herein.

1.02 DURATION OF CONTRACT

- .1 This Standing Offer Agreement will be from Date of Award to 31 March 2018.

1.03 REFERENCES

- .1 Canada Labour Code Part II.
- .2 The New Brunswick Occupational Health and Safety Act, 1991.
- .3 The National Building Code of Canada, 2010.
- .4 The Canadian Electrical Code, CSA C22.1-12.
- .5 The National Plumbing Code of Canada, 2010.
- .6 Federal Halocarbon Regulations, 2003.
- .7 Environment Canada Report EPS 1/RA/2, Environmental Code of Practice for Elimination of Fluorocarbon Emissions from Refrigeration and Air Conditioning Systems - 1996.
- .8 New Brunswick Regulation 97-132, Ozone Depleting Substances, Clean Air Act.
- .9 American Society of Mechanical Engineers (ASME) Standard B31.5 - Refrigeration Piping.
- .10 Canadian Standards Association (CSA), Standard B51-09 - Boiler, Pressure Vessel and Pressure Piping Code.
- .11 New Brunswick Regulation 84-174, Boiler and Pressure Vessel Act.
- .12 Canadian Standards Association (CSA) CAN/CSA-B149.1-05, Natural Gas and Propane Installation Code.
- .13 Sheet Metal and Air Conditioning Contractors' National Association (SMACNA) - HVAC Duct Construction Standards: Metal & Flexible 2005, 3rd Edition
- .14 American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Standard 62.1 - Indoor Air Quality; and Standard 55 - Thermal Environmental Conditions for Human Occupancy.
- .15 All references are subject to change during the duration of the Standing Offer Agreement, therefore the most up to date reference will apply.

1.04 ENGINEER

- .1 The Engineer, as defined and stated in this specification, will be the Commanding Officer of Real Property Operations Detachment (Gagetown) or a designated representative. The address of the Engineer is:
- Contracts Office
Real Property Operations
Detachment (Gagetown)
Building B18
238 Champlain Avenue
P.O. Box 17000 Station Forces
Oromocto, N.B. E2V 4J5
- Tel.(506) 422-2000 Ext. 2677
Fax (506) 422-1248

1.05 QUALIFICATIONS

- .1 Contractor must have available, when required, the following qualified tradespeople and provide proof of certification to Public Works and Government Services Canada (PWGSC) prior to award of this Standing Offer Agreement;
- .1 Journeyperson plumber certified by the New Brunswick Department of Post Secondary Education, Labour and Training.
- .2 Journeyperson Pipe Fitter/Steam Fitter certified by the New Brunswick Department of Post Secondary Education, Labour and Training.
- .3 Journeyperson G1 Gas Fitter certified by the New Brunswick Department of Post Secondary Education, Labour and Training.
- .4 Journeyperson Oil Burner Mechanic certified by the New Brunswick Department of Post Secondary Education, Labour and Training.
- .5 Journeyperson Refrigeration and Air-Conditioning Mechanic certified by the New Brunswick Department of Post Secondary Education, Labour and Training and completed the Environment Canada Environmental Awareness Course for the Safe Handling of Refrigerants and be in possession of a Heating, Refrigeration and Air-Conditioning Institute (HRAI) card.
- .6 Journeyperson Sheet Metal Mechanic certified by the New Brunswick Department of Post Secondary Education, Labour and Training.

1.06 COMPLIANCE TO CODES AND STANDARDS

- .1 Perform work to, and enforce safety measures in accordance with, the Canadian Labour Code Part II and the New Brunswick Occupational Health and Safety Act.
- .2 Contractor must be registered and in good standing with WorkSafeNB and provide proof of such to PWGSC prior to award of contract.
- .3 All air-conditioning and refrigeration work shall conform to the Federal Halocarbon Regulations, 2003; ASME Standard B31.5; Environment Canada Report EPS 1/RA/2; and the New Brunswick Regulation 97-132.
- .4 All hydronic heating piping work is to be in accordance with Canadian CSA Standard B51-09 and the New Brunswick Regulation 84-174.
- .5 All natural gas or propane work is to be in accordance with CAN/CSA-B149.1-05

and follow any updates or guidelines issued by the New Brunswick Department of Safety and/or Enbridge Gas New Brunswick.

- .6 All plumbing work is to be done in accordance with the National Plumbing Code, 2010.
- .7 All sheet metal work to be in accordance with SMACNA - HVAC Duct Construction Standards: Metal & Flexible 2005, 3rd Edition; and ASHRAE Standard 62.1 and Standard 55.
- .8 Comply with the requirements of Workplace Hazardous Materials Information System (WHMIS) regarding use, handling, storage and disposal of hazardous materials; and labelling and provision of Material Safety Data Sheets acceptable to Human Resources and Skills Development Canada and Health Canada.
- .9 Work to meet or exceed requirements of specified standards, codes and referenced documents. In event of conflict between any provisions of above authorities, the most stringent provision will apply.

1.07 HALOCARBON MANAGEMENT MONITORING AND REPORTING

- .1 All Halocarbon Reports and Monitoring as per Annexes A, B and C.
- .2 All Reports shall have the information as required by the Federal Halocarbon Regulation 2003, Schedule 2.

1.08 DOCUMENTS REQUIRED

- .1 Maintain at the job site one copy each of the following:
 - .1 Specifications; and
 - .2 Addenda.

1.09 CONTRACTOR'S USE OF SITE

- .1 Work site access will be as directed by the Engineer.
- .2 Movement around the site is subject to restrictions laid down by the Engineer.
- .3 Do not unreasonably encumber the site with materials or equipment.

1.10 POWER AND WATER

- .1 DND can provide, free of charge, temporary electric power and water for the purposes of this agreement.
- .2 Engineer will determine delivery points and quantitative limits. Engineer's written permission is required before any connection is made. Connect to existing power supply in accordance with Canadian Electrical Code, CSA C22.1-12.
- .3 Contractor to provide, at no cost to DND, all equipment and temporary lines to bring these services to work site.
- .4 Supply of temporary services by DND is subject to DND requirements and may be discontinued by Engineer at any time without notice or acceptance of

any liability for damage or delay caused by such withdrawal of temporary services.

1.11 ACCEPTABILITY OF MATERIAL

- .1 Material and parts used will be those specified by the manufacturer of the equipment and any other material will require the approval of the Engineer.
- .2 Provide material and equipment of specified design and quality, performing to published ratings and for which replacement parts are readily available.
- .3 The Contractor will not make any change in the design and installation of equipment and materials without prior written approval of the Engineer.
- .4 If, in an emergency, the Contractor installs parts other than those specified, they will be replaced with specified parts before claiming payment, but no claim for other than specified parts will be made.
- .5 All replaced parts and materials not under warranty, whether serviceable or unserviceable will be left on site for inspection on completion of the work.
- .6 All manufactured articles, materials, and equipment will be applied, installed, connected and used as specified by the manufacturer.
- .7 Requests for acceptance of material other than those specified will be submitted in writing to the Engineer. The request must be supported with sufficient product information to enable the Engineer to make an assessment.

1.12 GUARANTEE

- .1 The Contractor will guarantee all materials and workmanship for a period of one year or the manufacturer's guarantee, whichever is longer, after acceptance by the Engineer. Any defects which may develop during this period will be rectified and made good to the satisfaction of the Engineer, by the Contractor at their own expense.

1.13 OVERLOADING

- .1 Ensure no part of work is subject to a load which will endanger its safety or will cause permanent deformation.

1.14 TEMPORARY STRUCTURES

- .1 The Contractor will furnish and maintain all equipment such as temporary ramps, ladders, scaffolds, hoists, chutes, etc, as may be required for the proper execution of the work.
- .2 Temporary structures erected by the Contractor will remain their property and will be removed by them from the site on completion of the work.

1.15 CLEAN UP

- .1 On completion of all work, the Contractor will remove all surplus material, tools, equipment and debris. The building and site must be left in a clean and tidy condition which meets the satisfaction of the Engineer. The

Contractor will not remove any salvageable material or equipment from the job site without permission from the Engineer.

1.16 WORK REQUISITION

- .1 All work is to be done only when directed by the Engineer on form CF942, Call-Up Against a Standing Offer and as follows;
 - .1 The Contractor will advise the Engineer of the telephone number or location at which they or their representative may be contacted at all times.
 - .2 The Contractor, upon receipt of an authorized call up, will be advised by the Engineer in writing of the names of persons authorized to request service. Work undertaken at the request of others, such as building occupants, will be entirely at the Contractor's risk with regard to payment.
 - .3 The Contractor will not refuse any call for service by the Engineer and will respond within 24 hours on normal service calls and within 4 hours on emergency service calls.
 - .4 When service is required, the Engineer will notify the Contractor. When requested by the Engineer, a written estimate will be provided indicating labour, and material costs in accordance with the Standing Offer Agreement. Service will be requested on form CF942, Call-Up Against a Standing Offer. This form will detail the work to be done and will be signed by the Engineer or his Representative. One copy of this form will be given to the Contractor.
 - .5 The Contractor will report to the Engineer prior to starting work and upon completion of work on a daily basis to sign in and out. If work is started or completed outside normal working hours and the Engineer's office is closed, the Base Firehall has a sign in/sign out sheet available for the Contractor.
 - .6 After reporting, the Contractor will proceed to the job and carry out the work. The contractor will provide daily work reports to the Engineer detailing work performed, contractor's employees assigned to work, location or building number of work site, hours worked for each employee, trade of each employee and materials used in the completion of the work and any recommendations for additional work that may be required. This work report must indicate the work order number and the requisition number by which the work was requested from the Engineer. Contractor is to have the Engineer sign the work report either at the end of the work day or at the beginning of the next work day while signing in. The Standard Operating Procedure for work reports will be provided to the successful bidder after award of Contract.
 - .7 The Contractor is to return one copy of the signed form CF942 that requested the work with their invoice, as well as copies of all daily work reports and copies of all contractor's wholesale invoices for material used in the completion of the work. Invoices must detail the location and description of work performed for each CF942. The Contractor's invoice shall reference the contract, work order and requisition numbers issued on the CF942.

1.17 QUANTITIES AND BASIS OF PAYMENT

- .1 The work performed under this Standing Offer Agreement shall be paid for on a unit price basis. The Contractor will accept the payment as full consideration for everything furnished and done by him with respect to the

work.

- .2 The Contractor will submit hourly rates and a material mark up in accordance with the specifications. Such prices will include supervision, expenses, tools, equipment, transportation (travel time to and from the contractors base of operation will be included in the rates provided) and profit.
- .3 All material will be invoiced at the Contractor's wholesale cost, plus a percentage of mark-up. Contractor shall submit all invoices for materials as supporting documentation when submitting invoices for work completed.
- .4 Time charged and contract price of materials (if any) used may be verified by Government Audit before or after payment is made under the terms of this Standing Offer.

1.18 CONTRACTOR PASSES

- .1 All Contractor employees will have in their possession at all times while on the Base an authorized Contractor Pass while employed on DND property. Such passes will be produced on demand to the Military Police, Commissionaires, Security Guards and persons in authority.
- .2 The Contractor will complete an application form for contractor passes for each individual. The Contractor will accompany the employee to the Military Police Identification Section building F-19 for the issuance of pass.
- .3 Photocopies of passes are to be provided to the Engineer.
- .4 The Contractor will ensure Contractor passes are recovered from employees who cease to be employed on DND property. Such passes shall be returned to the Military Police Identification Section by the Contractor.

1.19 SECURITY CLEARANCE

- .1 The Contractor shall maintain an up-to-date roster of all employees involved in this contract including managers, supervisors, tradespersons, drivers and labourers. This roster must be made available to the Engineer upon request.
- .2 The Contractor shall provide proof of the information contained within the roster to the Engineer upon request. The Engineer reserves the right to have removed from the site those personnel who do not meet security requirements as laid down by the Military Police Section.

END OF SECTION

1 GENERAL

1.01 REFERENCES

- .1 Canada Labour Code, Part II, Canada Occupational Safety and Health Regulations.
- .2 Province of New Brunswick Occupational Health and Safety Act, 1991.
- .3 National Building Code of Canada, 2010.

1.02 REGULATORY REQUIREMENTS

- .1 Do work in accordance with the safety measures of the National Building Code of Canada, the Canada Labour Code Part II, the New Brunswick Occupational Health and Safety Act and WorkSafeNB provided that in any case of conflict or discrepancy the more stringent requirements shall apply.

1.03 RESPONSIBILITY

- .1 Contractor is responsible for the health and safety of all persons on site. Contractor is also responsible for the protection of property, persons and the environment on or adjacent to the site in so far as the work may affect these.
- .2 Contractor and all contractor's employees are to comply with all safety requirements specified in the Contract Documents as well as all applicable federal, provincial and local statutes, regulations, ordinances and with Contractor's site-specific Health and Safety Plan.
- .3 As outlined in the Canada Labour Code Part II, the Contractor is responsible to provide a site-specific Health and Safety Plan that includes a Confined Space Entry Procedure in the event that work is deemed by the Engineer to be in a confined space. All confined space work will be identified on a CF 942, call up against a Standing Offer, work is not to begin until this Health and Safety Plan is submitted and approved by the Engineer.
- .4 Real Property Operations Detachment (Gagetown) employs a Lock Out/Tag Out program to prevent work related injuries due to electrical or mechanical systems being energized while personnel are working in or around these systems. The Contractor must respect these locks and tags when encountered. Do not forcibly remove these locks and/or tags at any time. If the Contractor requires that these be removed to perform work, a request is to be made to the Engineer for such removal.
- .5 As per the Canada Labour Code Part II, it is the Contractor's responsibility to employ their own Lock Out/Tag Out program to ensure that equipment is not energized by other personnel while they are working in or around equipment.
- .6 It is the Contractor's responsibility to ensure that all their employees are provided all Personal Protective Equipment (PPE) necessary to perform all work. Hard hats and safety glasses are to worn at all times.

1.04 UNFORESEEN HAZARDS

- .1 Should any unforeseen or peculiar safety-related factor, hazard, or condition become evident during performance of work, the Contractor must have procedures in place to facilitate the Employee's Right to Refuse Work in accordance with Acts and Regulations of New Brunswick. The Contractor is to advise the Engineer verbally and in writing of any employee who exercises this right.

1.05 CORRECTION OF NON-COMPLIANCE

- .1 Immediately address health and safety non-compliance issues identified by authority having jurisdiction or by Engineer.
- .2 Provide Engineer with written report of action taken to correct non-compliance of health and safety issues identified.
- .3 Engineer may stop work if non-compliance of health and safety regulations is not corrected.

1.06 WORK STOPPAGE

- .1 Give precedence to safety and health of public and site personnel and protection of environment over cost and schedule considerations for work.

END OF SECTION

1 GENERAL

1.01 REPORTING FIRES

- .1 Know location of nearest fire alarm box and telephone, including emergency phone number.
- .2 Report immediately all fire incidents to Fire Department as follows:
 - .1 telephone 911.
- .3 When reporting fire by telephone, give location of fire, name or number of building and be prepared to verify the location.

1.02 INTERIOR AND EXTERIOR FIRE PROTECTION AND ALARM SYSTEMS

- .1 Fire protection and alarm system will not be:
 - .1 obstructed;
 - .2 shut-off; and
 - .3 left inactive at end of working day or shift without authorization from Fire Chief.
- .2 Fire hydrants, standpipes and hose systems will not be used for other than fire-fighting purposes unless authorized by Fire Chief.

1.03 FIRE EXTINGUISHERS

- .1 Supply fire extinguishers, as scaled by Fire Chief, necessary to protect work in progress and contractor's physical plant on site.

1.04 BLOCKAGE OF ROADWAYS

- .1 Advise Fire Chief of any work that would impede fire apparatus response. This includes violation of minimum overhead clearance, as prescribed by Fire Chief, erecting of barricades and digging of trenches.

1.05 SMOKING PRECAUTIONS

- .1 Observe smoking regulations at all times.

1.06 RUBBISH AND WASTE MATERIALS

- .1 Rubbish and waste materials are to be kept to minimum.
- .2 Burning of rubbish is prohibited.
- .3 Removal:
 - .1 Remove all rubbish from work site at end of work day or shift or as directed.
- .4 Storage:
 - .1 Store oily waste in approved receptacles to ensure maximum cleanliness and safety.
 - .2 Deposit greasy or oily rags and materials subject to spontaneous combustion in approved receptacles and remove.

1.07 FLAMMABLE AND COMBUSTIBLE LIQUIDS

- .1 Handling, storage and use of flammable and combustible liquids are to be governed by the current National Fire Code of Canada.
- .2 Flammable and combustible liquids such as gasoline, kerosene and naphtha will be kept for ready use in quantities not exceeding 45 litres provided they are stored in approved safety cans bearing Underwriters' Laboratory of Canada or Factory Mutual seal of approval. Storage of quantities of flammable and combustible liquids exceeding 45 litres for work purposes requires permission of Fire Chief.
- .3 Transfer of flammable and combustible liquids is prohibited within buildings or jetties.
- .4 Transfer of flammable and combustible liquids will not be carried out in vicinity of open flames or any type of heat-producing devices.
- .5 Flammable liquids having a flash point below 38° C such as naphtha or gasoline will not be used as solvents or cleaning agents.
- .6 Flammable and combustible waste liquids, for disposal, will be stored in approved containers located in a safe ventilated area. Quantities are to be kept to a minimum and Fire Department is to be notified when disposal is required.

1.08 HAZARDOUS SUBSTANCES

- .1 Work entailing use of toxic or hazardous materials, chemicals and/or explosives, or otherwise creating hazard to life, safety or health, will be in accordance with National Fire Code of Canada.
- .2 Obtain from Fire Chief a "Hot Work" permit for work involving welding, burning or use of blow torches and salamanders, in buildings or facilities.
- .3 When Work is carried out in dangerous or hazardous areas involving use of heat, provide fire watchers equipped with sufficient fire extinguishers. Determination of dangerous or hazardous areas along with level of protection necessary for Fire Watch is at discretion of the Fire Chief. Contractors are responsible for providing fire watch service for work on a scale established and in conjunction with Fire Chief at pre-work conference.
- .4 Where flammable liquids, such as lacquers or urethanes are to be used, proper ventilation will be assured and all sources of ignition are to be eliminated. Fire Chief is to be informed prior to and at cessation of such work.

1.09 QUESTIONS AND/OR CLARIFICATION

- .1 Direct any questions or clarification on Fire Safety in addition to above requirements to Fire Chief through the Engineer.

1.10 FIRE INSPECTION

- .1 Site inspections by Fire Chief will be coordinated through Engineer.
- .2 Allow Fire Chief unrestricted access to work site.

- .3 Co-operate with Fire Chief during routine fire safety inspection of work site.
- .4 Immediately remedy all unsafe fire situations observed by Fire Chief.

END OF SECTION

1 GENERAL

1.01 GENERAL

- .1 Contractor will take all reasonable steps to ensure that they and their employees have complied with all pertinent legislation and have protected the environment.

1.02 FIRES

- .1 Fires and burning of rubbish on site not permitted.

1.03 DISPOSAL OF WASTES

- .1 Do not bury rubbish and waste materials on site unless approved by Engineer.
- .2 Do not dispose of waste or volatile materials, such as mineral spirits, oil or paint thinner into waterways, storm or sanitary sewers.

1.04 SPILL PROTECTION

- .1 The Contractor must have adequate clean up materials for any potential hazardous materials used in the completion of the work (ie. Foams, fuels, oils, lubricants, etc).

END OF SECTION

REFRIGERATION OR AIR CONDITIONING SYSTEM SERVICE LOG

NAME OF OWNER Department of National Defence
ADDRESS OF OWNER: Real Property Operations Detachment (Gagetown)
Building B-18
238 Champlain Avenue
PO Box 17000 Station Forces
Oromocto, N.B., E2V 4J5

NAME OF OPERATOR: Engineer Branch, Mechanical Shop Supervisor

SYSTEM LOCATION: _____

DESCRIPTION OF SYSTEM: _____

TECHNICIAN'S NAME: _____

CERTIFICATE NUMBER: _____

EMPLOYER: _____

REFRIGERANT: _____

SYSTEM QUANTITY: _____

QUANTITY CHARGED: _____

SERVICE DESCRIPTION: _____

DATE OF LEAK TESTS: _____

DATE OF LEAK DETECTION: _____

DATE OF LEAK REPAIRS: _____

REFRIGERANT TYPE RECOVERED: _____

QUANTITY RECOVERED: _____

DATE RECOVERED: _____

SIGNATURE: _____

DATE: _____

REFRIGERATION OR AIR CONDITIONING SYSTEM LEAK TEST NOTICE

NAME OF OWNER

Department of National Defence

ADDRESS OF OWNER:

Real Property Operations Detachment (Gagetown)
Building B-18
238 Champlain Avenue
PO Box 17000 Station Forces
Oromocto, N.B., E2V 4J5

NAME OF OPERATOR:

Engineer Branch, Mechanical Shop Supervisor

SYSTEM LOCATION
& UNIT Number:

DESCRIPTION OF SYSTEM:

TECHNICIAN'S NAME:

CERTIFICATE NUMBER:

EMPLOYER:

REFRIGERANT:

SYSTEM QUANTITY:

DATE OF LAST TWO LEAK TESTS:

REMARKS:

SIGNATURE:

DATE:

HALOCARBON REPORTING PROCEDURE

Annex C
Job No. L-G2-9900/1731
2016-07-19

Reference: 3ASG Engr Branch SOP 9.8 Halocarbon - Monitoring & Procedure, Jun 2004

1. Upon discovery of a Halocarbon release(s), the Contractor will:
 - .1 Stop work;
 - .2 shut equipment/system down;
 - .3 isolate leak and reclaim refrigerant from leaking section, if possible, to minimize refrigerant loss; and
 - .4 immediately report to the Engineer for further instructions.

2. On completion of work and prior to leaving base, the Contractor will submit a preliminary report to the Engineer highlighting:
 - .1 The type of system;
 - .2 type of halocarbon;
 - .3 amount released; and
 - .4 location of equipment, etc.

3. If the Contractor is unable to reach the Contract Manager at (506) 422-2677, the Contractor will immediately contact the Mechanical Shop Supervisor or their representative at 506-422-2445

4. A final report, as per Federal Halocarbon Regulations, is to follow to the Contract Manager and Mechanical shop Supervisor within 24 hours.

ISOLATION AND LOCKOUT PROCEDURES

Annex D

Job No. L-G2-9900/1731

2016-07-19

Annex from CE Branch SOP 2.3

ISOLATION AND LOCKOUT PROCEDURES FOR ELECTRICAL FACILITIES

1. All electrical isolations performed within 5 CDSB Gagetown for primary and secondary distribution equipment shall be the responsibility of the electrical supervisor or a responsible employee appointed by him.
2. All electrical isolations and lockouts will be recorded in a logbook. This logbook will be located at the electrical supervisor's office. All pertinent information (date, employee's name, equipment location, equipment I.D. number, lock number and reason for isolation) shall be recorded.
3. Equipment that is isolated must have a lock installed to prevent energizing and a tag displaying the words "DO NOT OPERATE" affixed to the disconnecting means.
4. Where more than one trade or one employee is performing any work on, or live testing of, isolated electrical and/or related equipment, a separate tag and lock for each such employee shall be attached to each control and locking device.
5. Two keys will be issued per lock. One key shall be issued to lock holder and the other shall be held in a secure area (key press) by the shop supervisor. Keys and locks shall be numerically identified.
6. Persons working on individual ccts in a distribution panel will either have a safety watcher stand by panel to prevent cct from being turned on, or in cases where the job is of a lengthy duration the cover is to be removed from the panel, the wire feeding the cct in question removed from the breaker and the cover replaced. A tag will also be attached to the breaker indicating the cct is being worked on.
7. No person shall cut or remove an isolation safety lock or tag without the written consent of the B Engr or an individual appointed by him.