

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:

**Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
B3J 1T3
Bid Fax: (902) 496-5016**

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

THIS DOCUMENT CONTAINS A SECURITY
REQUIREMENT /
DOCUMENT CONTIENS DES EXIGENCES RELATIVE
À LA SÉCURITÉ

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

Issuing Office - Bureau de distribution

Atlantic Region Acquisitions/Région de l'Atlantique
Acquisitions
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
B3J 3C9
Nova Scot

Title - Sujet Bolier Controls & Monitoring System	
Solicitation No. - N° de l'invitation W010C-14C144/A	Date 2014-11-10
Client Reference No. - N° de référence du client W010C-14-C144	GETS Ref. No. - N° de réf. de SEAG PW-\$HAL-218-9372
File No. - N° de dossier HAL-4-73101 (218)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-12-22	Time Zone Fuseau horaire Atlantic Standard Time AST
Delivery Required - Livraison exigée See Herein	
Address Enquiries to: - Adresser toutes questions à: Figueredo, Laila	Buyer Id - Id de l'acheteur hal218
Telephone No. - N° de téléphone (902)496-5353 ()	FAX No. - N° de FAX (902)496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE WILLOW PARK BLDG 7 STN FORCES P.O.BOX 99000 HALIFAX NOVA SCOTIA B3K5X5 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

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Buyer ID - Id de l'acheteur

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IMPORTANT NOTICE TO OFFERORS

1. Security

This notice is to advise ALL interested offerors that in order to be awarded a standing offer which contains a security requirement, all offerors **MUST** hold a valid Security Clearance granted or approved by PWGSC Canadian Industrial Security Directorate (CISD) at the level indicated in this solicitation document. Should the Offeror not currently hold a valid Security Clearance or require the level to be upgraded, PWGSC will sponsor the Offeror. Please submit your written request with the following information to Laila Figueredo by e-mail to: laila.figueredo@pwgsc-tpsgc.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).

2. 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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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, if applicable, and the basis of selection; |
| Part 5 | Certifications: includes the certifications to be provided; |
| Part 6 | Security Requirements: includes specific requirements that must be addressed by offerors; and |
| Part 7 | Part A, Standing Offer: includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions;

Part B, Resulting Contract Clauses: 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 Statement of Work, the Basis of Payment, the Security Requirements Checklist, Reporting Requirements, the Complete List of names of all individuals who are currently directors of the Offeror, and the Voluntary Certification to Support the Use of Apprentices.

2. Summary

The Department of National Defence located at Canadian Forces Base (CFB) Halifax, has a requirement for the repair and maintenance for boiler controls and monitoring systems as specified herein.

Work under this Standing Offer comprises the furnishing of all labour, material, tools, equipment, supervision, and transportation required to provide inspection, servicing, calibration, and repairs of all instruments, recorders, drives, controls, monitoring equipment, alarm systems and accessories as fitted in the central heating plants, boiler rooms, arenas, and curling rinks within CFB Halifax, Halifax, NS as specified herein.

The Work will be provided on an "as and when requested" basis in accordance with the Statement of Work, "Maintenance of Central Heating Plants Control & Monitoring Equipment" Specification No. W010C-14-C144 dated 2014-05-23, copy attached hereto as Annex "A" and forming part of this Request for Standing Offer (RFSO) and subsequent Standing Offer.

The period of the Standing Offer is for one year with two additional one-year option periods.

As per the Integrity Provisions under section 01 of Standard Instructions [2006](#) and [2007](#), offerors must provide a list of all owners and/or Directors and other associated information as required. Refer to section 4.21 of the Supply Manual for additional information on the Integrity Provisions.

For services requirements, Offerors must provide the required information as detailed in article 2.3 of Part 2 of the Request for Standing Offers (RFSO), in order to comply with Treasury Board policies and directives on contracts awarded to former public servants

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

3. Security Requirement

There are security requirements associated with the requirement of the Standing Offer. For additional information, see Part 6 - Security, Financial and Insurance Requirements, and Part 7 - Standing Offer and Resulting Contract Clauses. For more information on personnel and organization security screening or security clauses, offerors should refer to the [Industrial Security Program \(ISP\)](#) of Public Works and Government Services Canada (<http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>) website.

4. 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 (2014-09-25) Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the RFSO.

- The text under Subsection 5.4 of 2006, Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days

Insert: ninety (90) days

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.

Due to the nature of the solicitation, transmission of offers by facsimile to Public Works and Government Services Canada will not be accepted.

3. Former Public Servant

Contracts with 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? **(Offeror to complete)**

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? **(Offeror to complete)**

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 the Applicable Taxes.

4. Enquiries - Request for Standing Offers

All enquiries must be submitted in writing to the Standing Offer Authority no later than **seven (7)** 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 questions or may request that offerors do so, so that the proprietary nature of the question is eliminated,

and the enquiry can be answered with copies to all offerors. Enquiries not submitted in a form that can be distributed to all offerors may not be answered by Canada.

5. 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 Nova Scotia.

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

PART 3 - OFFER PREPARATION INSTRUCTIONS

1. Offer Preparation Instructions

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

Section I: Technical Offer: 2 hard copies
Section II: Financial Offer: 1 hard copy
Section III: Certifications: 1 hard copy

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

Canada requests that offerors follow the format instructions described below in the preparation of their offer.

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to that of the Request for Standing Offers.

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

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

Section I: Technical Offer

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

Section II: Financial Offer

Offerors must submit their financial offer in accordance with Annex B – Basis of Payment. The total amount of Applicable Taxes must be shown separately.

Payment of Invoices by Credit Card

Canada requests that offerors complete one of the following: **(Offeror to complete)**

☐ Government of Canada Acquisition Cards (credit cards) will be accepted for payment of invoices.

The following credit card(s) are accepted:

☐ VISA

☐ MasterCard

OR

☐ Government of Canada Acquisition Cards (credit cards) will not be accepted for payment of invoices.

The Bidder is not obligated to accept payment by credit card.

Acceptance or credit cards for payment of invoices will not be considered as an evaluation criterion.

Section III: Certifications

Offerors must submit the certifications required under Part 5.

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 Offer including the technical and financial evaluation criteria.

1.1 Technical Evaluation**1.1.1 Mandatory Technical Criteria**

Offerors must submit all certifications in their offer by the offer closing date. Failure to demonstrate meeting the mandatory technical criteria will result in the offer being deemed non-responsive.

M1. Certification in Fall Protection and Confined Spaces:

Offerors must provide valid Certifications in Fall Protection and Confined Spaces. Offerors must submit copies of certificates with their technical offer.

1.2 Financial Evaluation

Offerors must adhere to the Basis of Payment, Annex B, provided to be considered responsive. Any changes not authorized in writing by the Contracting Authority will render the offer as non-responsive.

The price of the offer will be evaluated in Canadian dollars, applicable taxes excluded, FOB destination, Canadian customs duties and excise taxes included.

The price of the offer will be evaluated on the total requirement: Standing Offer period plus any option period(s), mathematically extended using all items and estimates stated in Annex "B", Basis of Payment.

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 evaluated price will be recommended for issuance of a standing offer.

PART 5 - CERTIFICATIONS

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

The certifications provided by offerors to Canada are subject to verification by Canada at all times. Canada will declare an offer non-responsive, will have the right to set-aside a standing offer, or will declare a contractor in default in carrying out any of its obligations under any resulting contracts, if any certification made by the Offeror is found to be untrue whether made knowingly or unknowingly 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 may render the Offer non-responsive, may result in the setting aside of the Standing Offer or constitute a default under the Contract.

1. Certifications Precedent to Issuance of a Standing Offer

The certifications listed below should be completed and submitted with the offer, but may be submitted afterwards. If any of these required certifications 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 comply with the request of the Standing Offer Authority and to provide the certifications within the time frame provided will render the offer non-responsive.

1.1 Integrity Provisions – Associated Information

By submitting an offer, the Offeror certifies that the Offeror and its affiliates are in compliance with the provisions as stated in Section 01 "Integrity Provisions – Offer of Standard Instructions 2006. The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.

1.2 Federal Contractors Program for Employment Equity - Standing Offer Certification

By submitting an offer, the Offeror certifies that the Offeror, and any of the Offeror's members if the Offeror is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list (http://www.labour.gc.ca/eng/standards_eq/eq/emp/fcp/list/inelig.shtml) available from Employment and Social Development Canada Labour's website

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

1.3 Status and Availability of Resources

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

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

1.4 Offeror Qualifications

1.4.1 Qualifications for Industrial Instrumentation Technicians:

Technicians must have a minimum of 3 years experience working with boiler controls and monitoring systems. **Offerors to provide proof of qualification (journeyperson) for industrial instrumentation technicians.**

1.4.2 Qualifications for Firm

The Firm must have a minimum of 3 years company experience in boiler controls and monitoring systems. **Offerors to provide two (2) examples of similar projects in size and nature in the last five years as per Annex G – Firm's Experience.**

1.5 Workers Compensation

The Contractor must maintain its account in good standing with the applicable provincial or territorial Workers' Compensation Board for the duration of the Contract.

PART 6 – SECURITY REQUIREMENTS

1. Security Requirement

1. Before issuance of a standing offer, the following conditions must be met:

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- (a) the Offeror must hold a valid organization security clearance as indicated in Part 7A - Standing Offer;
 - (b) the Offeror's proposed individuals requiring access to classified or protected information, assets or sensitive work site(s) must meet the security requirement as indicated in Part 7A - Standing Offer;
 - (c) the Offeror must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites.
2. Offerors are reminded to obtain the required security clearance promptly. Any delay in the issuance of a standing offer to allow the successful offeror to obtain the required clearance will be at the entire discretion of the Standing Offer Authority.
3. For additional information on security requirements, offerors should refer to the [Industrial Security Program \(ISP\)](http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html) of Public Works and Government Services Canada (<http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>) website.

PART 7 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

A. STANDING OFFER

1. Offer

The Offeror offers to perform the Work in accordance with the Statement of Work at Annex "A".

2. Security Requirement

The following security requirements (SRCL and related clauses provided by ISP) apply and form part of the Standing Offer:

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 Canadian Industrial Security Directorate (CISD), Public Works and Government Services Canada (PWGSC).

2. The Contractor/Offeror personnel requiring access to sensitive work site(s) must EACH hold a valid RELIABILITY STATUS, granted or approved by CISD/PWGSC.

Until the security screening of the Contractor personnel required by this Contract has been completed satisfactorily by the CISD, 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 CISD/PWGSC.

4. The Contractor/Offeror must comply with the provisions of the:

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

3. Standard Clauses and Conditions

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

3.1 General Conditions

2005 (2014-09-25) General Conditions - Standing Offers - Goods or Services apply to and form part of this Standing Offer.

3.2 Standing Offer Reporting

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

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

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

The quarterly reporting periods are defined as follows:

1st quarter: April 1 to June 30;

2nd quarter: July 1 to September 30;

3rd quarter: October 1 to December 31;

4th quarter: January 1 to March 31.

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

4. Term of Standing Offer

4.1 Period of Standing Offer

The period for making call-ups and providing services against the Standing Offer is from date of issuance for a period of one year inclusive.

4.2 Extension of Standing Offer

If the Standing Offer is authorized for use beyond the initial period, the Offeror offers to extend its offer for an additional two (2) one-year periods, under the same conditions and at the rates or prices specified in the Standing Offer, or at the rates or prices calculated in accordance with the formula specified in the Standing Offer.

The Offeror will be advised of the decision to authorize the use of the Standing Offer for an extended period by the Standing Offer Authority before the expiry date of the Standing Offer. A revision to the Standing Offer will be issued by the Standing Offer Authority.

5. Authorities

5.1 Standing Offer Authority

The Standing Offer Authority is:

Laila Figueredo
Supply Specialist
Public Works and Government Services Canada
Atlantic Region, Acquisitions - Halifax
1713 Bedford Row
Halifax, NS
B3J 3C9

Telephone: 902-496-5353

Facsimile: 902-496-5016

E-mail address: laila.figuero@pwgsc-tpsgc.gc.ca

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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.

5.2 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 of 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.

5.3 Offeror's Representative

The Offeror's representative for this Standing Offer is: **(Offeror to complete)**

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone: ____-____-____

Facsimile: ____-____-____

E-mail address: _____

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

7. Identified Users

The Identified User authority to make call-ups against the Standing Offer is: Base Construction Engineering, Maritime Forces Atlantic, Department of National Defence.

8. Call-up Instrument

The Work will be authorized or confirmed by the Identified User using form PWGSC-TPSGC 942, Call-up Against a Standing Offer or electronic document.

9. Limitation of Call-ups

Individual call-ups against this Standing Offer must not exceed **\$40,000.00** (Applicable Taxes included).

10. Financial Limitation (*determined at Standing Offer issuance*)

The total cost to Canada resulting from call ups against the Standing Offer must not exceed the sum of \$____TBD_____ (Applicable Taxes excluded) 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 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.

11. Priority of Documents

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

1. the call up against the Standing Offer, including any annexes;
2. the articles of the Standing Offer;
3. the General Conditions 2005 (2014-09-25), General Conditions -Standing Offers - Goods or Services;
4. the General Conditions 2010C (2014-09-25), General Conditions - Services (Medium Complexity)
5. Annex A - Statement of Work;
6. Annex B - Basis of Payment;
7. Annex C - Security Requirements Check List
8. Annex D – Reporting Requirements;
9. the Offeror's offer dated _____.

12. Certifications**12.1 Compliance**

The continuous compliance with the certifications provided by the Offeror with its offer and the ongoing cooperation in providing associated information are conditions of issuance of the Standing Offer (SO). Certifications are subject to verification by Canada during the entire period of the SO and any resulting contract that would continue beyond the period of the SO. If the Offeror does not comply with any certification, fails to provide the associated information or if it is determined that any certification made by the Offeror in its offer is untrue, whether made knowingly or unknowingly, Canada has the right to terminate any resulting contract for default and set aside the Standing Offer.

12.2 SACC Manual Clauses

M3020C (2010-01-11) - Status and Availability of Resources

13. 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 Nova Scotia.

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 - Services**

2010C (2014-09-25) General Conditions – Services (Medium Complexity), apply to and form part of the Contract.

Section 13 "Interest on overdue accounts" of 2010C (2014-09-25) General Conditions - Services (Medium Complexity) does not apply to payments made by credit card.

3. Term of Contract**3.1 Period of 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 *(if applicable)*

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**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit prices, as specified in Annex B for a cost of \$ _____ (*determined at time of call-up to a maximum of \$40,000.00*). Customs duties are excluded and Applicable Taxes are extra.

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

5.2 Limitation of Expenditure

1. Canada's total liability to the Contractor under the Contract must not exceed \$ _____ (*determined at time of call-up*). Customs duties are excluded and Applicable Taxes are extra.

2. No increase in the total liability of Canada or in the price of the Work resulting from any design changes, modifications or interpretations of the Work, will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been approved, in writing, by the Contracting Authority before their incorporation into the Work. The Contractor must not perform any work or provide any service that would result in Canada's total liability being exceeded before obtaining the written approval of the Contracting Authority. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:

- (a) when it is 75 percent committed, or
- (b) four (4) months before the contract expiry date, or
- (c) as soon as the Contractor considers that the contract funds provided are inadequate for the completion of the Work,

whichever comes first.

3. 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.

5.3 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.

5.4 Payment by Credit Card *(if applicable)*

The following credit cards are accepted: _____ and _____.

6. Invoicing

6.1 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the Section 10, entitled "Invoice Submission" of the 2010C General Conditions – Services along with maintenance report described in the Statement of Work of the Contract.
2. Invoices cannot be submitted until all work identified in the invoice is completed and that all maintenance service call reports related to the Work identified in the invoice have been received by the Project Authority.
3. The Contractor must distribute the invoices and reports as follows:
 - (a) The original and one (2) copies of the invoices and maintenance reports must be forwarded to the Invoices address shown on page 1 of the Contract for certification and payment.
 - (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.2 SACC Manual Clauses

A9117C (2007-11-30) T1204 - Direct Request by Customer Department

6.3 Discretionary Audit

1. The following are subject to government audit before or after payment is made:
 - (a) The amount claimed under the Contract, as computed in accordance with the Basis of Payment, including time charged.
 - (b) The accuracy of the Contractor's time recording system.
 - (c) The estimated amount of profit in any firm-priced element, firm time rate, firm overhead rate, or firm salary multiplier, for which the Contractor has provided the appropriate certification. The purpose of the audit is to determine whether the actual profit earned on a single contract if only one exists, or the aggregate of actual profit earned by the Contractor on a series of negotiated contracts containing one or more of the prices, time rates or multipliers mentioned above, during a particular period selected, is reasonable and justifiable based on the estimated amount of profit included in earlier price or rate certification(s).
 - (d) Any firm-priced element, firm time rate, firm overhead rate, or firm salary multiplier for which the Contractor has provided a "most favoured customer" certification. The purpose of such audit is to determine whether the Contractor has charged anyone else, including the Contractor's most favoured customer, lower prices, rates or multipliers, for like quality and quantity of goods or services.
2. Any payments made pending completion of the audit must be regarded as interim payments only and must be adjusted to the extent necessary to reflect the results of the said audit. If there has been any overpayment, the Contractor must repay Canada the amount found to be in excess.

7. Insurance

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

8. Canadian Forces Site Regulations

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

9. Voluntary Reports for Apprentices Employed during the Contract (if applicable)

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 Standing Offer Authority six months after contract award or at the end of the contract, whichever comes first.

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Number of apprentices hired	Trade specialty

(Add lines if needed)

10. SACC Manual Clauses

A9006C (2012-07-16) – Defence Contract

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ANNEX A

STATEMENT OF WORK

Please refer to Statement of Work, "Maintenance of Central Heating Plants Control & Monitoring Equipment" Specification No. W010C-14-C144 dated 2014-05-23, attached herein.

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ANNEX B

BASIS OF PAYMENT

Offeror Name and Address:

I/ We the Offeror, when requested by the Standing Offer Authority during the period of the Standing Offer, will calculate individual project estimates in accordance with the fixed hourly rates (excluding H.S.T.) in accordance with the information provided in the following or attached (select one) Price Offer tables.

Unless otherwise approved in writing by the Standing Offer Authority, I/we the Offeror undertake:

- a) To employ only those classes of persons with skill levels appropriate to each task, as defined in the Scope of Work section of each call-up.
- b) To pro-rate accordingly to cover the actual time worked, where work performed using the Time-Based Fee Method, is of a duration of less than one hour.
- c) To provide a full and comprehensive list of names of each individual to be assigned to a project subject to a call-up of Services.

Signature of Offeror:

Name

Title

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PRICE OFFER TABLES:

It is MANDATORY that Offerors submit firm price(s), rate(s) and mark-up(s) for the period of the proposed Standing Offer and for the option period(s) for all items listed hereafter. This section, when completed, will be considered as the Offeror's Financial Offer.

Should there be an error in the extended pricing of the Offeror's offer, the unit pricing shall prevail and the extended pricing shall be corrected in the evaluation.

Rates MUST include ALL costs associated with providing the service in accordance with the Annex A - Statement of Work, attached herein. HST is not included and is to be shown as a separate item on any resulting invoice. The estimated quantities are for evaluation purposes only.

TABLE 1 – First Year Pricing: (Dates to be determined)

Column A Labour Category and Location	Column B Unit of Measurement	Column C Estimated Quantity (hrs)	Column D Unit Rate	Column E Extended Price (Col C x Col D)
Regular Working Hours: 0800 to 1600 hours, Monday to Friday				
A. Industrial / Commercial Boiler Instrumentation Controls Technician				
1. Dockyard and Halifax / Dartmouth	Per hour	1,000	\$ _____	\$ _____
2. Bedford	Per hour	1,000	\$ _____	\$ _____
3. Shearwater	Per hour	1,000	\$ _____	\$ _____
Outside Working Hours: Monday to Friday evenings, weekends and holidays				
B. Industrial / Commercial Boiler Instrumentation Controls Technician				
1. Dockyard and Halifax / Dartmouth	Per hour	25	\$ _____	\$ _____
2. Bedford	Per hour	25	\$ _____	\$ _____
3. Shearwater	Per hour	25	\$ _____	\$ _____
TOTAL PRICE FOR YEAR ONE				\$ _____

Allowance for materials, specialty equipment at net cost, plus a mark-up of 10%

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TABLE 2 – First Option Year Pricing: (Dates to be determined)

Column A Labour Category and Location	Column B Unit of Measurement	Column C Estimated Quantity (hrs)	Column D Unit Rate	Column E Extended Price (Col C x Col D)
Regular Working Hours: 0800 to 1600 hours, Monday to Friday				
A. Industrial / Commercial Boiler Instrumentation Controls Technician				
1. Dockyard and Halifax / Dartmouth	Per hour	1,000	\$ _____	\$ _____
2. Bedford	Per hour	1,000	\$ _____	\$ _____
3. Shearwater	Per hour	1,000	\$ _____	\$ _____
Outside Working Hours: Monday to Friday evenings, weekends and holidays				
B. Industrial / Commercial Boiler Instrumentation Controls Technician				
1. Dockyard and Halifax / Dartmouth	Per hour	25	\$ _____	\$ _____
2. Bedford	Per hour	25	\$ _____	\$ _____
3. Shearwater	Per hour	25	\$ _____	\$ _____
TOTAL PRICE FOR YEAR ONE				\$ _____

Allowance for materials, specialty equipment at net cost, plus a mark-up of 10%

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TABLE 3 – Second Option Year Pricing: (Dates to be determined)

Column A Labour Category and Location	Column B Unit of Measurement	Column C Estimated Quantity (hrs)	Column D Unit Rate	Column E Extended Price (Col C x Col D)
Regular Working Hours: 0800 to 1600 hours, Monday to Friday				
A. Industrial / Commercial Boiler Instrumentation Controls Technician				
1. Dockyard and Halifax / Dartmouth	Per hour	1,000	\$ _____	\$ _____
2. Bedford	Per hour	1,000	\$ _____	\$ _____
3. Shearwater	Per hour	1,000	\$ _____	\$ _____
Outside Working Hours: Monday to Friday evenings, weekends and holidays				
B. Industrial / Commercial Boiler Instrumentation Controls Technician				
1. Dockyard and Halifax / Dartmouth	Per hour	25	\$ _____	\$ _____
2. Bedford	Per hour	25	\$ _____	\$ _____
3. Shearwater	Per hour	25	\$ _____	\$ _____
TOTAL PRICE FOR YEAR ONE				\$ _____

Allowance for materials, specialty equipment at net cost, plus a mark-up of 10%

Total Bid Price for Evaluation (Sum of Tables 1, 2, 3)

Table 1 Total \$ _____

Table 2 Total \$ _____

Table 3 Total \$ _____

GRAND Total Bid Price \$ _____ (excluding all applicable taxes)

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ANNEX C

SECURITY REQUIREMENTS CHECK LIST

Please refer to the Security Requirements Check List (SRCL) form attached to this document.

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ANNEX D

REPORTING REQUIREMENTS

Periodic Usage Report Form

As a requirement of this Request for Standing Offer, a report shall be submitted as follows:
(***The final report is to provide a list showing items requisitioned that represent approximately the total value of call-ups.***).

The Offeror understands that it is their responsibility to implement a system for tracking call-ups against this Standing Offer in order to provide usage reports and ensure that the financial limitation is not exceeded. Failure to comply may result in the setting aside of the Standing Offer.

Return by mail to:

Public Works and Government Services Canada
Atlantic Region, Acquisitions - Halifax
1713 Bedford Row
Halifax, NS
B3J 3C9
ATTN: Laila Figueredo

OR

By email to:

laila.figueredo@pwgsc-tpsgc.gc.ca

Standing Offer Description:		Standing Offer Number:		Start Date of SO (DD/MM/YYYY)		End Date of SO (DD/MM/YYYY)	
Total Value to Date: \$		Total Value for Reporting Period: \$		Start Reporting Period (DD/MM/YYYY)		End Reporting Period (DD/MM/YYYY)	
Department Requesting	Order Number on Call-up	Item Description	Item Quantity	Unit of measure (each, litre, etc.)	Date of Order of Call-up	Date of Delivery Start / Completion	Value of Order (not including applicable taxes)

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Annex E

CODE OF CONDUCT REQUIREMENTS

Bidder must submit with their bid, by the bid solicitation closing date:

(a) complete list of names of all individuals who are currently directors of the Bidder;

Complete Legal Name of Supplier:

Supplier Address:

Supplier PBN:

Solicitation Number:

Contracting Officer Signature Block:

W010C-14C144

Laila Figueredo

Supply Specialist | Spécialiste en approvisionnement

Public Works and Government Services Canada | Travaux

publics et Services gouvernementaux Canada

1713 Bedford Row, Halifax, NS B3J 1T3

1713 Bedford Row, Halifax, N.É. B3J 1T3

Telephone | Téléphone: 902-496-5353

Facsimile | Télécopieur: 902-496-5016

Laila.Figueredo@pwgsc-tpsgc.gc.ca

Government of Canada | Gouvernement du Canada

List of Directors: Please provide a list of names of all individuals currently on the Board of Directors of the above company. (write director's given and surnames in block letters)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

(ADD LINES AS REQUIRED)

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.

¹ The journeyperson-apprentice ratio is defined as the number of qualified/certified journeypersons that an employer must employ in a designated trade or occupation in order to be eligible to register an apprentice as determined by provincial/territorial (P/T) legislation, regulation, policy directive or by law issued by the responsible authority or agency.

Name:

Signature:

Company Name:

Company Legal Name:

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Solicitation Number:

Optional information to provide:

Number of apprentices planned to be working on this contract:

Trades of those apprentices:

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ANNEX G

FIRM'S EXPERIENCE

The Firm must have a minimum of 3 years company experience in boiler controls and monitoring systems. **Offerors to provide two (2) examples of similar projects in size and nature in the last five years.**

Project 1

Project/Client Name & Address: _____

Date Completed: _____

Brief Description of Project (Identify Types of work your firm was responsible):

Project 2

Project/Client Name & Address: _____

Date Completed: _____

Brief Description of Project (Identify Types of work your firm was responsible):

(ADD LINES AS REQUIRED)

Department of National Defence



Specification

Standing Offer Agreement

**Maintenance of Central Heating Plants
Control & Monitoring Equipment**

CFB Halifax, NS

<u>Section</u>	<u>Title</u>	<u>Pages</u>
<u>Division 01 - General Requirements</u>		
01 11 00	General Instructions	8
01 35 30	Health and Safety Requirements	7
01 35 35	DND Fire Safety Requirements	5
01 35 36	Security, Safety and Fire Regulations CFAD Bedford, NS	5
01 35 43	Environmental Procedures	3
01 35 73	Confined Spaces Requirements	8
01 74 11	Cleaning	2
<u>Division 23 - Heating, Ventilating and Air-Conditioning (HVAC)</u>		
23 05 01	Mechanical Control and Meter Equipment Maintenance	2

PART 1 - GENERAL

- | | | |
|-----------------------------------|----|---|
| <u>1.1 RELATED SECTIONS</u> | .1 | Section 01 35 73 Confined Spaces Requirements. |
| | .2 | Section 23 05 01 Maintenance of Central Heating Plants Control and Monitoring Equipment. |
| | | |
| <u>1.2 DESCRIPTION OF WORK</u> | .1 | Work under this Standing Offer comprises the furnishing of all labour, material, tools, equipment and transportation required for the inspection, servicing, calibration and repairs of all instruments, recorders, drives, controls, monitoring equipment, alarm systems and accessories as fitted in the central heating plants, boiler rooms, arenas and curling rinks within CFB Halifax as specified herein. |
| | | |
| <u>1.3 ENGINEER</u> | .1 | All reference to the Engineer in this specification, refers to the the Contract Inspector which is representing the Base Construction Engineering Officer (BCEO). |
| | .2 | The Engineer will provide the Contractor with a list of his/her authorized representatives at the pre-job meeting. |
| | | |
| <u>1.4 WORK INCLUDED</u> | .1 | Perform inspections, servicing, calibration and repairs to all the control and monitoring equipment and associated instruments fitted in the central heating plants, boiler rooms, arenas and curling rinks as directed by the Engineer or his authorized representative and Section 23 05 01 Maintenance of Central Heating Plants Control and Monitoring Equipment. |
| | .2 | Perform efficiency tests on equipment as directed by the Engineer. |
| | .3 | Provide an emergency repair service available on a twenty-four (24) hour, seven day per week basis. |
| | .4 | Provide condition reports to the Engineer. |
| | .5 | Clean-up. |
| | | |
| <u>1.5 LOCATIONS OF JOB SITES</u> | .1 | Areas covered under this specification include but not limited to the following locations: |
| | .1 | Stadacona - Halifax, NS; |

1.5 LOCATIONS OF
JOB SITES
(Cont'd)

- .1 (Cont'd)
- .2 Windsor Park - Halifax, NS;
- .3 HMC Dockyard - Halifax, NS;
- .4 Dockyard Annex (NAD) - Dartmouth, NS;
- .5 Shannon Park - Dartmouth, NS;
- .6 Bedford Magazine (CFAD Bedford) - Bedford, NS; and
- .7 12 Wing Shearwater - Eastern Passage, NS.

1.6 SITE ACCESS

- .1 Access to the site is under the direction of the Department of National Defence. All visitors entering areas issuing a daily pass will be aware of the requirement for search as a condition of issue.
- .2 While within the confines of CFB Halifax, all employees, sub-contractors and representatives of the Contractor must comply with all of the Standing Orders as promulgated by Base Authorities.

1.7 PRE-JOB
MEETING

- .1 Immediately upon receipt of award of Standing Offer Agreement, the successful Contractor will contact the Engineer to arrange a pre-job meeting prior to commencement of any work.

1.8 CONTRACTOR
QUALIFICATIONS

- .1 The Contractor must satisfy the Engineer that he / she has adequate and qualified staff to perform the service expected. This includes all service calls within an acceptable time period and having adequate parts on hand to meet the requirements of the job, both during silent and normal working hours.
- .2 Whenever the Contractor uses sub-contractors, they too must perform to and comply with all requirements of this Standing Offer Agreement.

1.9 WORKMANSHIP

- .1 Workmanship must be the best quality executed by workers experienced and skilled in the respective duties for which they are employed.
- .2 Do not employ any unfit person or anyone unskilled in their required duties. The Engineer reserves the right to require the dismissal from the site, workers deemed incompetent, careless, insubordinate or otherwise objectionable.

<u>1.9 WORKMANSHIP (Cont'd)</u>	.3	Decisions as to the quality or fitness of workmanship in cases of dispute rest solely with the Engineer whose decision is final.
	.4	The Contractor will employ a competent and experienced supervisor with the authority to speak on his behalf on day-to-day routine matters.
<u>1.10 CONTRACTOR'S USE OF SITE</u>	.1	Contractor will be briefed on use of site by the Engineer.
	.2	Do not unreasonably encumber site with materials or equipment.
	.3	Move stored products or equipment which interferes with operations of Engineer or other Contractors.
	.4	The Engineer will brief the Contractor on access to restricted areas.
	.5	Obtain a properly completed excavation permit from the Engineer prior to carrying out any excavations on site.
<u>1.11 PARKING</u>	.1	One parking space will be made available on sites for company vehicles and equipment only. Maintain and administer these spaces as directed.
<u>1.12 NORMAL WORKING HOURS</u>	.1	Normal working hours will be 0730 to 1600 hours, Monday to Friday. Any work carried out other than normal working hours must be authorized by the Engineer.

1.13 CODES AND
STANDARDS

- .1 Perform work in accordance with the latest edition of National Building Code of Canada (NBC), National Fire Code of Canada (NFC), Canadian Electrical Code, Canada Labour Code Part II, Occupational Health and Safety Act, Canadian Welding Bureau, Installation Code For Oil Burning Equipment, NS Fall Protection and Scaffold regulations in accordance with latest revisions and any other code of provincial or local application provided that in any case of conflict or discrepancy, the more stringent requirements will apply.
- .2 Meet or exceed requirements of Standing Offer documents, specified standards, codes and referenced documents.

1.14 PROTECTION OF
EXISTING FACILITIES

- .1 The Contractor must take all necessary precautions to ensure against damage to existing facilities. Any damage to such facilities as a result of the Contractor's operations must be repaired or replaced by the Contractor at his own expense, as soon as is reasonably possible.
- .2 Special coverings and protection must be provided to protect plant, walls, projections and adjacent work where materials are being removed, installed or hoisted.
- .3 The Contractor must protect all occupant owned furnishings and equipment, and the building from damage during execution of this Standing Offer.
- .4 Where the Engineer considers it necessary, provide and erect warning signs and barriers.

1.15 ALTERATIONS,
ADDITIONS OR
REPAIRS TO EXISTING
BUILDING

- .1 Execute work with least possible interference or disturbance to building operations, occupants, public and normal use of premises. Arrange with the Engineer to facilitate execution of work.
- .2 Where security has been reduced by work of Standing Offer, provide temporary means to maintain security.
- .3 Provide temporary dust screens, barriers, warning signs in locations where renovation and alteration work is adjacent to areas used by public or government staff.
- .4 Use only elevators, existing in building for moving workers and material.
 - .1 Protect walls of passenger elevators, to approval of Engineer prior to use.
 - .2 Accept liability for damage, safety of equipment and overloading of existing equipment.

1.16 EXISTING
SERVICES

- .1 Where Work involves breaking into or connecting to existing services, give 48 hours notice for necessary interruption of mechanical or electrical service throughout course of work. Minimize duration of interruptions. Carry out work at times as directed by governing authorities with minimum disturbance to pedestrian, vehicular traffic and tenant operations.
- .2 Establish location and extent of service lines in area of work before starting Work. Notify Engineer of findings.
- .3 Submit schedule to and obtain approval from Engineer for any shut-down or closure of active service or facility including power and communications services. Adhere to approved schedule and provide notice to affected parties.
- .4 Where unknown services are encountered, immediately advise Engineer and confirm findings in writing.

1.17 LOCATION OF
EQUIPMENT AND
FIXTURES

- .1 Location of equipment, fixtures and outlets indicated or specified are to be considered as approximate.
- .2 Locate equipment, fixtures and distribution systems to provide minimum interference and maximum usable space and in accordance with manufacturer's recommendation for safety, access and maintenance.
- .3 Inform Engineer of impending installation and obtain his / her approval for actual location.

1.18 CUTTING,
FITTING AND
PATCHING

- .1 Execute cutting (including excavation), fitting and patching required to make work fit properly.
- .2 Where new work connects with existing and where existing work is altered, or cut, patch and make good to match existing work.
- .3 Obtain Engineer's approval before cutting, boring or sleeving load bearing members.
- .4 Make cuts with clean, true smooth edges. Make patches inconspicuous in final assembly.
- .5 Fit work airtight to pipe, sleeves, ducts and conduits.

1.19 POWER AND
WATER SUPPLY

- .1 DND may provide, free of charge, temporary electric power and water for construction purposes.

1.19 POWER AND
WATER SUPPLY
(Cont'd)

- .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.
- .3 Provide at no cost to DND, all equipment and temporary lines to bring these services to project site.
- .4 Supply of temporary services by DND is subject to DND requirements and may be discontinued by DND site representative at any time without notice, without acceptance of any liability for damage or delay caused by such withdrawal of temporary services.
- .5 After the temporary service lines are no longer required, the Contractor must remove all lines and equipment, restore the connection points and return the land to its original contour.

1.20 HEATING AND
VENTILATING

- .1 Provide temporary heat and ventilation as required to:
 - .1 facilitate progress of work;
 - .2 protect work and products against dampness and cold;
 - .3 prevent moisture condensation on surfaces;
 - .4 provide ambient temperatures and humidity levels for storage, installation and curing of materials; and
 - .5 provide adequate ventilation to meet health regulations for safe working environment.
- .2 Maintaining strict supervision of operation of temporary heating and ventilating equipment to:
 - .1 conform with applicable codes and standards;
 - .2 enforce safe practices;
 - .3 prevent abuse of services;
 - .4 prevent damage to finishes; and
 - .5 vent direct-fired combustion units to outside.

1.21 MANUFACTURER'S
INSTRUCTIONS

Unless otherwise specified, obtain and comply with manufacturer's latest printed instructions for materials and installation methods.

1.21 MANUFACTURER'S.2
INSTRUCTIONS
(Cont'd)

Notify Engineer in writing of any conflict between these specifications and manufacturer's instructions. Engineer will designate which document is to be followed.

- .3 Provide a copy of appropriate manufacturer's instructions to the Engineer prior to installing materials or equipment.

1.22 EMERGENCY AND .1
SERVICE CALL-UPS

The Contractor must maintain and provide the Engineer with contact numbers to be able to provide response to request for service from the Engineer or representative on a 24 hour, 7 day per week basis. If the request for service from the after hours Departmental Representative, the Contractor must, immediately upon completion of the service, report back to the Engineer describing the action taken to correct the problem. The following Work priorities and response time will apply:

- .1 **Emergency:** A priority of "Emergency" is defined as a deficiency or breakdown that requires immediate attention to reduce the potential for danger to occupants, the general public, the environment, or the facility. Maintenance and minor construction identified with this priority must be reported without delay to designated manager.

- .1 Standard response times:

- .1 Urban / rural: ASAP - maximum 2 hours.

- .2 **Routine:** A priority of "Routine" is defined as essential maintenance and minor construction which should be rectified at the earliest possible opportunity. It is considered as deficiencies or breakdowns that do not impair current operations or pose any danger to the occupants, the general public, the environment, or the facility.

- .1 Standard response times:

- .1 Urban / rural: 4 hours.

- .2 The Contractor will be advised of the personnel authorized to request emergency service. Services undertaken at the request of unauthorized persons will be done at the Contractor's risk, with regards to payment.
- .3 Report service calls executed outside normal working hours to the Engineer, immediately on the next working day.

1.23 INSPECTION .1 All work and materials covered by this specification will be subject to inspection at any time by the Engineer or his / her representative.

1.24 REPORTING
IRREGULARITIES .1 The Contractor must notify the Engineer of irregularities in the work area, such as structural defects, mechanical and / or electrical problems and / or any beyond the scope of work.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

PART 1 - GENERAL

1.1 CONSTRUCTION SAFETY MEASURES

- .1 Observe and enforce construction safety measures by complying with the requirements of the following statutes and authorities:
 - .1 Canada Labour Code Part II and the Canada Occupational Health and Safety Regulations.
 - .2 The Nova Scotia Occupational Health and Safety Act and supporting Occupational General Safety Regulations as amended from time to time.
 - .3 Most recent amendments to the National Building Code of Canada, Part 8 and National Fire Code of Canada.
- .2 Refer to Section 01 35 35 DND Fire Safety Requirements.
- .3 Engineer will provide a copy of any relevant special written instructions to be followed.
- .4 **Before Work Begins**
 - .1 Bidder / Tender to provide documentation indicating all safety training attained for each person who will be involved with the Standing Offer.
- .5 The following disciplinary measures will be taken for any violations of safety under this Standing Offer Agreement:
 - .1 **First Violation:** Verbal warning issued to the Contractor for the first violation of a safety regulation (Violation will be documented on Standing Offer file, copy to Contractor, DCC or PWGSC).
 - .2 **Second Violation:** Written warning to Contractor for second infraction of a safety regulation (Violation will be documented on Standing Offer file, copy to Contractor, DCC or PWGSC).
 - .3 **Third Violation:** A third violation of a safety regulation may result in the termination of the Standing Offer with a recommendation to the Contracting authority that the Contractor be denied access to Base Construction Engineering contracts (Documented to Standing Offer file, copy to Contractor, DCC or PWGSC).
 - .4 **Serious Violation:** For a serious violation of a safety regulation as deemed by a regulator, project manager or safety officer, a recommendation will be made to the Contracting authority to immediately terminate the Contract / Standing Offer (Violation will be documented on Standing Offer file, copy to Contractor, DCC or PWGSC).

1.1 CONSTRUCTION
SAFETY MEASURES
(Cont'd)

- .5 (Cont'd)
.5 **Charges Laid or Guilty Determination by Courts:**
Infractions of safety regulations that results in charges being laid by a regulator, and the Contractor being found guilty by the courts may result in that Contractor being denied access to Base Construction Engineering contracts.

1.2 HAZARD
ASSESSMENT

- .1 Contractor must implement and carry out a health and safety hazard assessment program as part of the Work. Program to include:
- .1 **Initial Hazard Assessment:** Carried out upon notification of Contract award and / or prior to commencement of Work.
- .2 **On-going Hazard Assessments:** Performed during the progress of Work identifying new or potential health risks and safety hazards not previously known. As a minimum, hazards assessments must be carried out when:
- .1 new sub-trade work, new sub-contractor (s) or new workers arrive at the site to commence another portion of the Work;
- .2 the scope of Work has been changed;
- .3 Work conducted in confined spaces; and
- .4 potential hazard or weakness in current health and safety practices are identified by the Engineer.
- .2 Hazard assessments will be project and site specific, based on review of Standing Offer documents and site.
- .3 Each hazard assessment to be made in writing. Keep copies of all assessments on site for duration of Work. Upon request, make available to Engineer.
- .4 The Contractor must notify the Engineer of suspected hazardous material during work and not apparent from drawings, specifications, or report pertaining to work (e.g. lead, asbestos etc.). Do not disturb such material pending instructions from the Engineer. The Engineer will make the necessary arrangements for testing the material as required.

1.3 ASBESTOS
PRODUCTS &
ASBESTOS ACTIVITY

- .1 Within the confines of the Base, the provision of new products containing fibrous asbestos materials is prohibited.
- .2 Demolition or disturbance of spray or trowel-applied asbestos can be hazardous to health. Should material resembling spray or trowel-applied asbestos be encountered do not proceed until written instructions have been received from Engineer.

1.4 HAZARDOUS
MATERIAL SPILL

- .1 The Contractor or sub-contractors must report to the DND fire hall and the Engineer for any incident or spill involving hazardous materials (HAZMAT).
- .2 In the event of a hazardous material spill, the following procedures for initial actions must be followed:
 - .1 ensure safety of all personnel;
 - .2 assess spill hazards and risks;
 - .3 ventilate area if release is indoors and remove all sources of ignition;
 - .4 stop the spill if safely possible (e.g. shut off pump, replace cap, tip drum upward, patch leaking hole etc.);
 - .5 no matter the volume is, contact the DND fire hall and provide the following information:
 - .1 time of the spill;
 - .2 location;
 - .3 special considerations:
 - .1 personal safety;
 - .2 environmental.
 - .4 type and amount of spill;
 - .5 person reporting the spill:
 - .1 name;
 - .2 company; and
 - .3 telephone number.
 - .6 contain the spill;
 - .7 isolate the area as required;

1.4 HAZARDOUS
MATERIAL SPILL
(Cont'd)

- .2 (Cont'd)
.5 (Cont'd)
.8 contact the Engineer; and
.9 clean up minor spills using appropriate protective equipment and supplies.

1.5 FASTENING
DEVICES EXPLOSIVES
ACTUATED

- .1 Explosive actuated devices must not be used.

1.6 HOT WORK

- .1 All hot work activity is to take place with written permission from the Engineer (Hot work permit).
.2 The ventilation system in the area of any hot work activity is to be isolated to prevent migration of fumes / smoke and to reduce any possible spread of fire to other areas of the facility.
.3 Contractor is to employ an employee trained in the use of fire extinguishers as fire watch during any hot work for a minimum of 30 minutes after activity has ceased.

1.7 CONFINED SPACES

- .1 All work in confined spaces will be carried out in compliance with the Canada Occupational Health and Safety Regulations, Part XI.
.2 The Contractor to provide and maintain all equipment as required by any person to enter and / or perform work in a safe manner, in compliance with the Canada Occupational Health and Safety Regulations, Part XI.
.3 The Contractor to provide and maintain training, as required by the Canada Occupational Health and Safety Regulations, Part XI.
.1 The Contractor and / or his employees must provide proof of training and qualifications when requested by the Engineer.
.4 The Contractor to provide the Engineer with a copy of an "Entry Permit" for each and every entry into the confined space to ensure compliance with the Canada Occupational Health and Safety Regulations, Part XI.
.5 The Contractor to have a hazard assessment of the confined space performed.
.1 The Contractor to provide the Engineer with a copy of the hazard assessment.

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- 1.8 FALL PROTECTION .1 All work carried out above the mandatory height restrictions, from unguarded structure and / or scaffolding, will be done in compliance with the Canada Occupational Health and Safety Regulations, Part XII, Section 12.10.
- .2 The components of a fall protection system must meet the standards as outlined in the Canada Occupational Health and Safety Regulations, Part XII, Section 12.10 (2).
- .3 The Contractor is to ensure fall protection equipment is maintained, inspected and tested by a qualified technician as required by the Canada Occupational Health and Safety Regulations, Part XII, Section 12.3.
-
- 1.9 ARC FLASH .1 The Contractor is to ensure all electrical equipment such as switchboards, panelboards, motor control centres and meter socket enclosures be marked to warn persons of potential electric shock and arc flash hazards. This labelling is required for all new & modified installations.
- .2 The warning label must also include information regarding "arc flash hazard category (0 to 4)" and the "Flash Protection Boundary" as defined in NFPA 70E. All projects specifications must include short circuit study and flash hazard analysis.
- .3 In accordance with the CSA Standards Z462-12 Workplace Electrical Safety, Contractors are required to perform a shock and flash hazard analysis to select the appropriate PPE to wear. Electrical Contractors are required arc-rated personal protective equipment while troubleshooting and diagnostic testing that cannot be performed unless the electrical conductor or circuit part is energized. All Contractor work practices must protect each employee from arc flash and from contact with live parts directly with any part of the body or indirectly through some other conductive object.
-
- 1.10 SAFETY .1 The Contractor must perform site hazard assessments to establish site specific safe work practice procedures for the safety and well being of his / her employees. Copies will be made available to the Department of National Defence upon request.
- .2 All copies of the formal Hazard Assessments conducted by the Contractor throughout the duration of the work must be retained and made available to the Engineer immediately upon request.
-

1.10 SAFETY
(Cont'd)

- .3 It is the Contractor's responsibility to be familiar with all applicable safety acts, regulations, codes and Standing Offer Agreement requirements. These must be identified and addressed in the safety plan, by identifying Standard Operating Procedures (SOP) and safe work practices (SWP) which incorporate clear and specific control measures, applicable rules, procedures and practices, all of which will become mandatory.
- .4 The Contractor must ensure all workers and authorized persons entering the work site are notified of and abide by the posted safety plan, safety rules, procedures, safe work practices and applicable safety acts, regulations, and codes. Any person not complying with these will not be permitted on the site.
- .5 Must ensure that all applicable personal protective equipment (PPE) is used.
 - .1 All personnel are required to wear hard hats, in accordance with CSA Z94.1-05 (R2013).
 - .2 All personnel are required to wear safety footwear, in accordance with CSA Z195-09.
 - .3 All personnel are required to wear eye & face protection, in accordance with CSA Z94.3.1-09.
 - .4 When and where noise level is above 85 decibels, all personnel are required to wear hearing protection, in accordance with CAN/CSA Z94.2-02 (R2011).
 - .5 Where toxic or noxious gas fumes, or oxygen deficiency or excessive dust may occur, so as to create a hazard to life, safety or health, all personnel are required to wear respiratory protection, in accordance with CSA Z94.4-11.
- .6 The Engineer will coordinate arrangements for the Contractor to be briefed on site safety within fourteen (14) days of award of Standing Offer.

1.11 SITE SIGNS
AND NOTICES

- .1 Safety and instructions signs and notices:
 - .1 Signs and notices for safety and instruction must be in both official languages. Graphic symbols must conform to latest version of "Signs and Symbols for the Workplace".

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

PART 1 - GENERAL

1.1 EMERGENCY
REPORTING

- .1 Telephone numbers:
 - .1 Base phone: dial 9-1-1;
 - .2 cell phone: 427-3333.

1.2 FIRE SAFETY
ENFORCEMENT

- .1 Within the confines of the Base, the prescription and enforcement of mandatory fire safety measures will be exercised under the authority of the Base Fire Chief.
- .2 Comply with and enforce compliance by all Contractor personnel with all requirements of this specification section, the National Fire Code of Canada (NFC), including all subsequent revisions issued by the National Research Council of Canada.
- .3 The Engineer reserves the right to require the dismissal from site of persons deemed careless or otherwise in violation of the fire safety requirements.

1.3 FIRE SAFETY
BRIEFING

- .1 Prior to commencement of work under this Standing Offer, the Engineer will arrange a meeting of all parties concerned to review and clarify requirements for fire safety measures. This may involve a briefing by the Base Fire Chief.
- .2 The Engineer will provide direction for reporting of fire including the emergency telephone number for fire reporting and location of fire alarms within or adjacent to work area.

1.4 FIRE WATCH

- .1 For hot work activity, the Contractor will provide the service of fire watch persons on a scale and schedule as prescribed by the Dockyard fire hall at the time of issuance of the hot work permit.

1.5 FIRE
EXTINGUISHERS

- .1 Provide and maintain in operational condition fire extinguishers, as prescribed by Base Fire Chief.

1.6 SMOKING
PRECAUTIONS

- .1 In accordance with these fire safety requirements particular to the work area and site, the Engineer and Base Fire Chief will designate hazardous areas as well as non-restricted areas where smoking may be permitted.

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|--|----|---|
| 1.6 SMOKING PRECAUTIONS
<u>(Cont'd)</u> | .2 | Smoking is prohibited in all buildings. |
| | .3 | In all other areas, exercise care and comply with written or oral directives of the Engineer for the use of smoking materials. |
| 1.7 REPORTING FIRE INCIDENTS
<u></u> | .1 | Report immediately fire incidents to Fire Department as follows: |
| | .1 | activate nearest fire alarm box; |
| | .2 | dial 9-1-1 or designated number given at the time of briefing; and |
| | .3 | telephone Engineer. |
| | .2 | Person activating fire alarm box will remain at box to direct Fire Department to scene of fire. |
| | .3 | When reporting fire by telephone, give location of fire, name or number of building and be prepared to direct the Fire Department to the scene of the fire. |
| 1.8 INTERIOR AND EXTERIOR FIRE PROTECTION AND ALARM SYSTEMS
<u></u> | .1 | Notify Base Fire Chief at least 48 hours prior to scheduling any work that may require fire alarm and/or protection systems to be: |
| | .1 | obstructed in any way; |
| | .2 | shut-off; and/or |
| | .3 | left inactive at end of working day or shift without authorization from Base Fire Chief. |
| | .2 | Do not commence any such work until Engineer confirms approval and direction by the Base Fire Chief. |
| | .3 | Fire hydrants, standpipes and hose systems will not be used for other than fire-fighting purposes unless authorized by Base Fire Chief. |
| 1.9 BLOCKAGE OF ACCESS FOR FIRE FIGHTING APPARATUS
<u></u> | .1 | Obtain approval of the Engineer and Base Fire Chief 24 hours prior to commencing any work such as digging trenches or erecting scaffolds or barricades so as to impede access for fire fighting apparatus. Immediately notify the Engineer of any infringement of minimum vertical or horizontal clearances either inside or outside buildings, as prescribed by the Base Fire Chief. |

1.10 RUBBISH AND
WASTE MATERIALS

- .1 Storage:
 - .1 Where it is necessary to store oily waste in work areas exercise extreme care to ensure maximum possible safety and cleanliness.
 - .2 Greasy or oily rags or materials subject to spontaneous combustion must be deposited and kept in a receptacle approved by the Base Fire Chief and removed as directed by the Engineer.
- .2 Burning of rubbish is prohibited.
- .3 Removal:
 - .1 Remove rubbish from work site at end of work day or shift or as directed by the Engineer.

1.11 FLAMMABLE AND
COMBUSTIBLE LIQUIDS

- .1 Handling, storage and use of flammable and combustible liquids governed by current National Fire Code of Canada and guided by the requirements established by the Base Fire Chief.
- .2 Keep flammable and combustible liquids such as gasoline, kerosene and naphtha for ready use in quantities not exceeding 30 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 30 litres for work purposes requires permission of Base Fire Chief.
- .3 The Engineer reserves the right to require removal from the site any storage containers not acceptable to the Base Fire Chief.
- .4 Transfer of flammable and combustible liquids is prohibited within buildings or jetties.
- .5 Transfer of flammable and combustible liquids will not be carried out in vicinity of open flames or any type of heat-producing devices.
- .6 Do not use flammable liquids having flash point below 38 degrees C such as naphtha or gasoline as solvents or cleaning agents.
- .7 Store flammable and combustible waste liquids, for disposal, in approved containers located in safe ventilated area. Keep quantities minimum and Fire Department is to be notified when disposal is required.

1.12 HAZARDOUS
SUBSTANCES

- .1 Work entailing use of toxic or hazardous materials, chemicals and/or explosives, or otherwise creating hazard to life, safety or health, in accordance with National Fire Code of Canada.
- .2 Obtain from Base Fire Chief a "Hot Work" permit for work involving welding, burning or use of blowtorches 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 Base Fire Chief. Contractors are responsible for providing fire watch service for work on scale established and in conjunction with Base Fire Chief at pre-work conference.
- .4 Provide ventilation where flammable liquids, such as lacquers or urethanes are used, eliminate sources of ignition. Inform Base Fire Chief prior to and at cessation of such work.

1.13 FIRE
INSPECTION

- .1 Co-ordinate site inspections by Base Fire Chief through Engineer.
- .2 Allow Base Fire Chief unrestricted access to work site.
- .3 Co-operate with Base Fire Chief during routine fire safety inspection of work site.
- .4 Immediately remedy unsafe fire situations observed by Base Fire Chief.

1.14 HAZARDOUS
HOT WORK

- .1 Prior to commencing any "hot work" involving open flame, burning, welding or heating, the Contractor must obtain a "hot work permit" issued by the Base Fire Chief at the Dockyard Fire Hall, 427-3500.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

PART 1 - GENERAL

Contractor must ensure that all their personnel are familiar with these regulations and requirements.

- 1.1 GENERAL .1 The following is a summary of the security, safety and fire regulations of Canadian Forces Ammunition Depot, Bedford, as promulgated by the Base Commander, CFB Halifax and administered by the Superintendent CFAD Bedford, NS.
- .2 Contractor's personnel will be subject to all of the regulations while working within confines of CFAD Bedford.
- 1.2 PRE JOB SECURITY AND SAFETY MEETING .1 Prior to commencement of Work, the Contractor must meet with the site security, safety and fire safety regulations officers. In accordance with direction of Engineer and these site officers, ensure that all employees of the Contractor are given thorough instructions on security, safety and fire precautions peculiar to an Ammunition Depot and that the regulations are fully compiled with, at all times, by all Contractor personnel.
- 1.3 SECURITY PASSES .1 Contractors must report to the NCO I/C Commissionaires at building 153; submit names of all their personnel and description of all their vehicles to arrange the issue of the required temporary passes prior to proceeding to work within the confines of the depot.
- 1.4 CONDITIONS FOR ACCESS .1 All visitors will be issued a daily pass and will be required to sign an acknowledgement that they are aware of and consent to the following conditions of access.
- .2 The person to whom this pass is issued agrees to return the pass to security guard at the gate when the Contract or employment at CFAD Bedford expires.
- .3 All vehicles entering and leaving CFAD Bedford may be searched to ensure that no prohibited articles are taken into nor contraband articles are taken out of the Ammunition Depot.

1.5 FIRE SERVICE
CFAD BEDFORD

- .1 Fire service at CFAD Bedford is provided by DND Fire service from 0730 until 1600 hours, Monday to Friday. All Contract work will be ended by 1530 hours daily. Fire response at all other times is provided by HRM. Before any work is carried out during silent hours, the Dockyard Platoon Chief must be contacted at 427-0550, local 3500.

1.6 SEARCHES

- .1 The Canadian Corps of Commissionaires may conduct a personal search of individuals at any time within the Ammunition Depot. Vehicles entering and leaving the Depot may be searched to ensure that contraband articles are not taken into the explosives area and that property is not taken out without authorization.

1.7 ALARMS

- .1 **Depot Alarms:** A siren is sounded only in the event of an emergency such as a fire, explosion, thunderstorm or evacuation. A siren is also sounded to signify "All Clear".
- .2 **Fire Emergency:** A series of "Hi-Lo" sounds on the Depot alarm system signifies an emergency in the explosive area. Contractors must cease operations and proceed in their own vehicles to the nearest exit gate out of the explosive area. If no vehicle available proceed to the nearest "Fire Assembly Point" at buildings 169 or 143.
- .3 **Thunder and Lightning:** A series of "Beeps" on the Depot alarm system signifies a thunder / lightning storm warning. Contractors must cease operations and proceed in their own vehicles to the nearest exit gate out of the explosive area. If no vehicle available proceed to the nearest "Fire Assembly Point" at buildings 169 or 143.
- .4 **Evacuation:** A series of "Slow Whoops" on the Depot alarm system signifies that evacuation in the explosive area has been ordered by the Superintendent. The evacuation could be extended to include the non-explosive area as well as so ordered by the Superintendent.
- .5 **All Clear:** A continuous blast on the Depot alarm system signifies that the emergency situation is "All Clear".

1.8 REPORTING OF
FIRES

- .1 All fires, regardless of whether they have been extinguished or not, must be reported immediately to the Base Fire Department.
- .2 All Contractors and employees must familiarize themselves with the locations of the nearest fire alarm box or telephone.

1.8 REPORTING OF
FIRES
(Cont'd)

- .3 Fires may be reported by ringing the nearest street alarm box or by telephoning 911. Persons reporting the fire must remain at the alarm box or telephone until the Fire Department arrives and be prepared to direct fire fighters to the scene of the fire.

1.9 PROHIBITED
ARTICLES

- .1 The following articles are prohibited and / or controlled from being taken inside the explosive area. Permission by the Superintendent may be granted for certain articles:
- .1 matches or other flame producing equipment (including vehicle lighters);
 - .2 pipes, smoking appliances, tobacco products, or smoking materials in any form;
 - .3 explosives or chemicals;
 - .4 lights, lamps or electrical devices / tools which are not explosion proof;
 - .5 cameras;
 - .6 food and drink; and
 - .7 radio transmitting devices (i.e. mobile radios, cellular phones, remote car starters, and garage door openers, etc).
- .2 No persons will introduce, possess or consume alcoholic beverages, narcotics or any intoxicant within the confines of the Ammunition Depot.
- .3 The site security officers will seize and hold at the gate, any such materials found by search.

1.10 SAFETY AND
FIRE REGULATIONS

- .1 **Smoking:** Is strictly prohibited in explosive areas.
- .2 **Buildings:** Smoking is prohibited in all buildings.
- .3 **Safety Precautions Electrical / Electronic Equipment:** All personnel operating or maintaining electrical / electronic equipment involving the use of voltage higher than 50 V must brief the site safety and fire safety officers concerning all safety rules in the operating and instruction manuals covering the equipment.

1.10 SAFETY AND
FIRE REGULATIONS
(Cont'd)

- .4 **Flammables, Explosives or Chemicals:** As required, may be allowed into the explosive area provided that the Depot Safety Officer and the Depot Fire Department are made aware of this and that approval by the Superintendent is given. These items after approval may be transported by the Contractors provided the transportation route is known by the Depot Fire Department and adequate fire extinguishers are available.
- .5 **Open Flame or Welding:** Prior approval must be obtained before commencing any work involving cutting, welding or use of open flame appliances in or around buildings containing explosives. The Fire Safety Officer will check out the work area and ensure that adequate fire extinguishers and first aid appliances are available and that fire watchers have been posted.
- .6 **Fuel Dispensing Containers:** Contractors must ensure that all of their fuel dispensing containers meet or exceed the following standards:
 - .1 type II safety container, leakproof, Terne plate construction, UL listed and FM approved;
 - .2 container must have spring-operated spout cap which opens to allow vapours to escape and self closes on release of internal pressures;
 - .3 container must have flexible or rigid built-in metal dispensing nozzle to prevent static sparks;
 - .4 standard of acceptance: Protectoseal, models Nos. 247, 249, 8410 and 8420;
 - .5 other acceptable products: Safe-T-Way;
 - .6 any other model must be approved by the BFC.

1.11 TRAFFIC
REGULATIONS

- .1 **Vehicles:** All operators must adhere strictly to the following rules while proceeding through the Ammunition Depot.
 - .1 Drivers must not leave the motors of their vehicles running or leave the vehicles unattended when parked between buildings or traverses.
 - .2 Drivers must not drive vehicles in the direction opposite to that indicated by the "One-Way" signs.
 - .3 No one will operate a vehicle within the Depot area at a speed greater than 25 kilometers per hour at any time.
 - .4 No one will operate a vehicle within the Depot area at a speed greater than 8 kilometers per hour at any time, while passing between blast walls and buildings.

1.11 TRAFFIC
REGULATIONS
(Cont'd)

- .1 Vehicles:(Cont'd)
 - .5 No one will leave a vehicle unattended within 10 metres of a fire hydrant or within 30 metres of a building containing explosives.
 - .6 All vehicles must be equipped with a fire extinguisher of a suitable size and type so that it may be used to extinguish any fire originating in that vehicle.
 - .7 Violation of any of the above regulations will result in immediate cancellation of the offender's vehicle pass and expulsion from the site.
- .2 **Roadways:** In the event of a fire emergency all roads and buildings within CFAD Bedford must be accessible at all times. Contractors required to disrupt roadways during the course of their work must ensure that at least one lane of each roadway is passable, at all times. Vehicles not required to transport personnel to the nearest exit gate must be parked on the side of the road and away from the nearest building.
- .3 **Fueling:** Fueling of vehicles within the explosive areas is prohibited. Small equipment (lawn mowers, chainsaws, etc.) may be re-fueled, but only at sites designated by the Safety Officer and Fire Safety Officer. Comply with all safety practices pertaining to re-fueling hot equipment. Provide adequate fire extinguishers of types prescribed by the Fire Safety Officer. Only approved safety dispensing containers, as specified at sub-paragraph 1.10.6, will be permitted within the confines of the Ammunition Depot.
- .4 Violation of any of the above regulations will result in immediate cancellation of the vehicle pass and expulsion of the offender from the site.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

PART 1 - GENERAL

- 1.1 DEFINITIONS .1 **Environmental Pollution and Damage:** Presence of chemical, physical, biological elements or agents which adversely affect human health and welfare; unfavourably alter ecological balances of importance to human life; affect other species of importance to humankind; or degrade environment aesthetically, culturally and / or historically.
- .2 **Environmental Protection:** Prevention / control of pollution and habitat or environment disruption during construction. Control of environmental pollution and damage requires consideration of land, water, and air; biological and cultural resources; and includes management of visual aesthetics; noise; solid, chemical, gaseous, and liquid waste; radiant energy and radioactive material as well as other pollutants.
- 1.2 FIRES .1 Fires and burning of rubbish on site not permitted.
- 1.3 DISPOSAL OF WASTE .1 Do not dispose of waste or volatile materials, such as mineral spirits, oil or paint thinner into waterways, storm or sanitary sewers.
- .2 Do not bury rubbish and waste materials on site.
- .3 All spills must be reported immediately to the Engineer and cleanup will be done at the Contractor's expense.
- 1.4 DRAINAGE .1 Provide temporary drainage and pumping required to keep excavations and site free from water.
- .2 Ensure pumped water into waterways, sewer or drainage systems is free of suspended materials.
- .3 Control disposal or runoff of water containing suspended materials or other harmful substances in accordance with local authority requirements.
- 1.5 SITE CLEARING AND PLANT PROTECTION .1 Protect trees and plants on site and adjacent properties as indicated.

1.5 SITE CLEARING
AND PLANT
PROTECTION
(Cont'd)

- .2 Wrap in burlap, trees and shrubs adjacent to construction work, storage areas and trucking lanes, and encase with protective wood framework from grade level to height of 2 m minimum.
- .3 Protect roots of designated trees to dripline during excavation and site grading to prevent disturbance or damage. Avoid unnecessary traffic, dumping and storage of materials over root zones.
- .4 Minimize stripping of topsoil and vegetation.
- .5 Restrict tree removal to areas indicated or designated by Engineer.

1.6 WORK ADJACENT
TO WATERWAYS

- .1 Construction equipment to be operated on land only.
- .2 Do not use waterway beds for borrow material.
- .3 Waterways to be free of excavated fill, waste material and debris.
- .4 Design and construct temporary crossings to minimize erosion to waterways.
- .5 Do not skid logs or construction materials across waterways.
- .6 Avoid indicated spawning beds when constructing temporary crossings of waterways.

1.7 POLLUTION
CONTROL

- .1 Maintain temporary erosion and pollution control features installed under this Contract.
- .2 Control emissions from equipment and plant to local authorities' emission requirements.
- .3 Prevent sandblasting and other extraneous materials from contaminating air and waterways beyond application area.
 - .1 Provide temporary enclosures where directed by Engineer.
- .4 Cover or wet down dry materials and rubbish to prevent blowing dust and debris. Provide dust control for temporary roads.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

PART 1 - GENERAL

1.1 RELATED SECTIONS

- .1 Section 01 11 00 General Instructions.
- .2 Section 23 05 01 Maintenance of Heating Plants Controls and Monitoring Equipment.

1.2 REFERENCES

- .1 Canada Occupational Health and Safety Regulations, Part XI (latest edition including all amendments).
- .2 Nova Scotia Occupational Health and Safety Regulations, Part 12 (latest edition including all amendments).
- .3 American Conference of Governmental Industrial Hygienists publication "Threshold Limit Values For Chemical Substances and Physical Agents and Biological Indices" (latest edition including all amendments).

1.3 DESCRIPTION

- .1 This section outlines the mandatory regulations which must be followed to ensure safe operations in and around potentially hazardous confined spaces and the emergency procedures that are to be followed.
- .2 The safety standards in this section are applicable to Contractors and consultants, their employees (including subcontractors), materials, works and buildings throughout Canadian Forces Base Halifax.
- .3 All personnel entering a confined space, acting as an observer, or as a rescuer will be thoroughly trained in all procedures in accordance with above reference, No.1.
- .4 The Contractor will be responsible for and ensure compliance with the provisions of this Section and of the Standards in above reference, No.1.

1.4 RESTRICTIONS

- .1 No Contractor, Subcontractor, Consultant, or their employee must:
 - .1 Be permitted to enter a hazardous confined space without receiving an evaluation, written in language which is understood by the employee/contractor, concerning the level of hazard in the confined space. Entry must be made in compliance with this Section and with the requirements in reference, No.1.

1.4 RESTRICTIONS .1
(Cont'd)

- (Cont'd)
- .2 Enter a hazardous confined space without a safe entry permit posted at the site of work and a copy on file.

1.5 DEFINITIONS .1

For the purpose of this Section the following definitions will apply:

- .1 **Confined space:** A tank, process vessel, underground vault, tunnel or other enclosure not designed or intended for human occupancy, except for the purpose of performing work:
- .1 that has limited number of openings for entry and exit;
 - .2 that has poor natural ventilation;
 - .3 in which there may be an oxygen deficient atmosphere; or
 - .4 in which there may be an airborne dangerous substance.
- .2 **Dangerous substance:** A hazardous substance or a chemical, physical or biological agent that, because of a property it possesses, is hazardous to the safety or health of a person exposed to it.
- .3 **Qualified person:** In respect to a specified duty, a person who, because of their knowledge, training and experience is qualified to perform that duty safely and properly.
- .4 **Class of confined space:** A group of at least two confined spaces that are likely, by reason of their similarity, to present the same hazards to persons entering, exiting or occupying them. Confined spaces are identified as Class A, B, or C by DND depending on hazard assessment.
- .1 **Class A - Hazardous confined space:** Any confined space that cannot be made safe by ventilation and maintained in this safe condition even when lock-out, blank and bleed, and all other actions have been taken.
 - .2 **Class B - Confined space:** Hazards exist but can be eliminated by ventilation, lock-out, and blank and bleed.
 - .3 **Class C - Considered confined space:** Conditions could arise to make the area a confined space.

1.6 COMMON HAZARDS.1

Hazards common to confined spaces that Contractors must watch for are:

- .1 toxic vapours from sludge or leakage into the space;
- .2 flammable gases and vapours with potential fire or explosion hazards;
- .3 oxygen below 19.5% or over 23% (normal 20.9%);
- .4 electric shock from tools, lights or other electrical equipment;
- .5 chemical burns from corrosives or injury from dermatitis producing materials;
- .6 burns from high pressure steam, hot water or fuel oil;
- .7 high pressure air;
- .8 physical hazards from slips, falls, protruding objects or falling objects; and
- .9 excess corrosion on metal components.

1.7 SAFE ENTRY PERMIT

- .1 Where the Contractor must enter a confined space, a safe entry permit must be provided to the Engineer, completed in triplicate and returned to the Engineer before access will be permitted. One copy must be posted at site of work. Original copy must be sent to the Unit General Safety Officer.

1.8 VERIFICATIONS

- .1 Prior to entering a confined space the Contractor must provide a qualified person to ensure / verify:
- .1 That there are openings for entry and exit from the confined space of sufficient size to allow the safe passage of a person using protective equipment. This opening can be:
 - .1 a manhole; or
 - .2 other clear opening.
 - .2 That the entry of any liquid or free flowing solid or hazardous material has been prevented by secure means of disconnection or by blanking off the flanges from any source of these materials. In addition, that any liquid in which the person could drown, or free flowing solid in which they could be entrapped, has been removed.

1.8 VERIFICATIONS .1
(Cont'd)

(Cont'd)

- .3 That all electrical / mechanical equipment which may present a hazard to the person has been disconnected from it's power source, either real or residue, and has been locked out in the off position by the person entering the space. Note: The key must be held by the person who locked out the equipment until such time as the work is complete and the lock out is removed by the individual. As well, the removal of fuses is encouraged.
- .4 Tests for oxygen levels, combustibility, and toxicity of hazardous substances (in that order) are conducted and evaluated (e.g. oxygen, explosive gases or vapours, hydrogen sulfide, and then carbon monoxide).
 - .1 Tests for oxygen levels and combustibility and toxicity must be made with a probe at the point of entry to the confined space with cover in place. If no hazard is detected the cover will then be removed.
 - .2 If oxygen deficient, combustible atmosphere, or toxic substances are detected, the space must not be entered until such time as the space is rendered safe through appropriate purging and ventilation.
 - .3 The entire space will then be tested for oxygen deficiency, combustibility and toxicity. Note: In the event the possibility exists for oxygen deficiency, combustible atmosphere or the presence of hazardous substances which could exceed allowable limits, despite purging and ventilation, these tests will only be conducted by a person who is wearing the required Personal Protective Equipment (PPE) such as air supplied respirator, gloves / hand protection, harness, etc. (if tests are to be done in the confined space).
- .5 That verification, by means of tests, is conducted to ensure that the following specifications can be achieved and maintained during the duration of time the person will be in the confined space, namely:
 - .1 The concentration of any chemical agent, or combination of chemical agents in the confined space to which the person is likely to be exposed:
 - .1 will not result in a value exceeding the value for that chemical agent, or for any chemical agent in the combination of chemical agents, other than grain dust, as prescribed by reference No.2;

1.8 VERIFICATIONS
(Cont'd)

.1 (Cont'd)
.5 (Cont'd)

.2 will not result in an airborne grain dust, respirable and non respirable, in excess of 10 mg/m³, subject to para. 1.8.1.5.2; and

.3 is less than 50 percent of the lower explosive limit of the chemical agent or combination of chemical agents, subject to para. 1.8.1.5.2.

.2 Where a source of ignition exists the concentration does not exceed 10 percent of the lower explosive limit of the airborne chemical agent or combination of airborne chemical agents.

.3 The concentration of airborne hazardous substances, other than chemical agents, in the confined space is not hazardous to the safety or health of the person.

.4 The percentage of oxygen in the air in the confined space is not less than 19.5 percent by volume and not more than 23 percent by volume, at normal temperature.

.6 The space has been purged and ventilated to provide and continue to provide a safe working atmosphere, and that in the event of ventilation equipment failure there is:

.1 sufficient time available for the employee to escape the confined space hazard before contamination of the atmosphere;

.2 the ventilation equipment is either equipped with an approved alarm or monitored by an employee who is in constant attendance on the ventilation equipment and in constant contact with the worker (s) in the confined space.

.7 The qualified person must, in a signed report, set out the results of the preceding sections, including any test results and a list of test equipment used and must ensure these results are given to the Engineer and Safety Officer.

PART 2 - PRODUCTS

- 2.1 EQUIPMENT .1 All PPE identified on the area work permit must be utilized during entry into the confined space. The appropriate PPE depends upon the nature of the exposure, and may include goggles, hardhats, safety footwear, a complete body covering or suitable breathing apparatus. It is stressed that PPE is not a substitute for proper ventilation. Where the Hazard Assessment form deems it necessary, workers must wear an emergency five minute constant air flow self contained breathing apparatus (SKAT-PAK by SCOTT) and must have an air monitoring device with them at all times while in the confined space. Contractor will supply appropriate PPE for their employees.
- .2 A safety harness with an attached lifeline must be worn by all workers, entering a confined space: with only one manhole or opening at the top or where rescue may be difficult; or where dangerous gases, vapours, mists, fumes, dusts, oxygen deficiency or extremes of temperature are likely to be present; or where respiratory protection is necessary. The free end of the lifeline attached must be secured outside the enclosed space. The lifeline must be of sufficient length to reach from an outside support to any point of work inside the confined space, and must be of sufficient strength to bear the weight of the worker. A tripod hoist and lifting device (vertical use only) must be in place prior to and during work in the confined space. Appropriate positive pressure air supplied respiratory protection must be available at the site for use in the rescue / extraction of persons working in the space. Contractor will supply all required rescue equipment.
- .3 **Minimum equipment requirement:**
- .1 **Class A confined space:** Ventilator, multi-gas detector, communication system, safety harness, retrieval system, SCBA or air line system(to be worn at all times), and duplicate equipment above kept at entrance of confined space for emergency rescue.
- .2 **Class B confined space:** Ventilator, multi-gas detector, communication system, safety harness, retrieval system, and SCBA or air line system on hand at entrance of confined space for emergency rescue.
- .3 **Class C confined space:** Multi-gas detector, communication system, and SCAT-PAK.

PART 3 - EXECUTION

3.1 CONDITIONS OF ENTRY

- .1 The following conditions must be met, prior to entry, so that response to any emergency can be made in the shortest time frame:
 - .1 A minimum of one person must be posted outside a confined space as an observer and must:
 - .1 have no other tasking which would detract from his function of observing the person (s) in the space;
 - .2 control the lifeline (s) attached to the person (s) in the space and ensure that the lifeline is attached to a solid object;
 - .3 be equipped with a safety harness;
 - .4 ensure continuous radio contact with the persons in the space or be able to observe the person(s) in the space (Note: radios are not to be used if combustible atmosphere is present);
 - .5 have a means of summoning assistance (qualified personnel) in case of an emergency situation;
 - .6 be trained in rescue procedures and Standard First Aid.
 - .2 In addition to the observer, for Class A confined spaces, an additional individual (a rescuer) must be present at the entrance to the confined space. The individual must:
 - .1 be wearing all required PPE including harness, lifeline and positive pressure air supplied respiratory protection (where required);
 - .2 be present at all times when person (s) are working in the confined space;
 - .3 be trained in rescue procedures and Standard First Aid; and
 - .4 must not enter the space unless to rescue the person (s) working in the space and only after additional assistance has been summoned and all required protective equipment is worn.

3.1 CONDITIONS OF ENTRY
(Cont'd)

- .1 (Cont'd)
- .3 In the event that the observer or the additional person (rescuer, if present) is required to leave the entrance to the space, the space must be vacated by those working in it until such time as the observer and the additional person return. Before re-entering the confined space, the conditions set out in para 1.7 and 1.8 must be followed.
- .4 The minimum number of persons present during entry into and work in a confined space must be three (3) for Class A confined spaces (worker, observer, and rescuer) and two (2) for Class B and C confined spaces (the worker and the observer). Where conditions warrant, an additional person to respond in emergencies is required.
- .5 The contact for additional assistance will be DND Fire Department at local 427-3333.
- .6 No person will enter any confined space for the purpose of rescuing an individual until they are wearing all required PPE including positive pressure air supplied respiratory protection and an observer is on site.

3.2 TESTING & MAINTENANCE OF EQUIPMENT

- .1 All testing equipment, safety harnesses, lifelines, breathing apparatus, ventilation equipment and any other equipment used in connection with entry into a confined space by the Contractor will be inspected, maintained and tested by a qualified person as frequent as is necessary to ensure that it is in safe condition for use at all times, but not less frequent than is recommended by the manufacturer or as directed in writing by the Engineer or Safety Officer.

3.3 REGULATIONS

- .1 In the event of conflict or discrepancy between this Section and the source documents (Canada Occupational Health and Safety Regulations, Part XI, and NS Health and Safety Regulations, Part 12, including all amendments) the more stringent requirements will apply.

PART 1 - GENERAL

1.1 PROJECT CLEANLINESS

- .1 Maintain Work in tidy condition, free from accumulation of waste products and debris, other than that caused by Owner or other Contractors.
- .2 Remove waste materials from site at daily regularly scheduled times or dispose of as directed by Engineer. Do not burn waste materials on site.
- .3 Make arrangements with and obtain permits from authorities having jurisdiction for disposal of waste and debris.
- .4 Dispose of waste materials and debris off site.
- .5 Store volatile waste in covered metal containers, and remove from premises at end of each working day.
- .6 Provide adequate ventilation during use of volatile or noxious substances. Use of building ventilation systems is not permitted for this purpose.
- .7 Use only cleaning materials recommended by manufacturer of surface to be cleaned, and as recommended by cleaning material manufacturer.
- .8 Schedule cleaning operations so that resulting dust, debris and other contaminants will not fall on wet, newly painted surfaces nor contaminate building systems.

1.2 FINAL CLEANING

- .1 When Work is Substantially Performed remove surplus products, tools, construction machinery and equipment not required for performance of remaining Work.
- .2 Remove waste products and debris other than that caused by others, and leave Work clean and suitable for occupancy.
- .3 Prior to final review remove surplus products, tools, construction machinery and equipment.
- .4 Remove waste products and debris other than that caused by Owner or other Contractors.
- .5 Remove stains, spots, marks and dirt from decorative work, electrical and mechanical fixtures, furniture fitments, walls, and floors.
- .6 Inspect finishes, fitments and equipment and ensure specified workmanship and operation.

- | | | |
|--|----|---|
| <u>1.2 FINAL CLEANING</u>
<u>(Cont'd)</u> | .7 | Clean equipment and fixtures to sanitary condition; clean or replace filters of mechanical equipment. |
| | .8 | Remove debris and surplus materials from crawl areas and other accessible concealed spaces. |

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

PART 1 - GENERAL

<u>1.1 RELATED SECTIONS</u>	.1	Section 01 11 00 General Instructions.
	.2	Section 01 35 73 Confined Spaces Requirements.
<u>1.2 EQUIPMENT</u>	.1	<p>The Contractor could be required to perform inspections, repairs, calibration, and testing of control and monitoring equipment and associated accessories that are fitted in central heating plants, boiler rooms, arenas and curling rinks. The equipment will include but not limited to the following:</p> <ul style="list-style-type: none">.1 recorders;.2 drives;.3 controls;.4 meters;.5 monitoring equipment;.6 alarm systems; and.7 associated instruments and accessories.
<u>1.3 REPORTS AND INVOICES</u>	.1	The Contractor must submit a report on defects found while making repairs along with invoice. The invoice will be submitted in triplicate within seven (7) days of completion of work to the Engineer.
<u>1.4 LICENSES AND PERMITS</u>	.1	The Contractor will be responsible for obtaining and paying for all licenses and permits required to perform the work requested.

PART 2 - PRODUCTS

- 2.1 GENERAL .1 Materials and parts used must be as specified by the manufacturers of the equipment.
- .2 If in an emergency the Contractor installs parts other than those specified, he must replace them with specified parts before claiming payment, and no claim for other than the specified parts will be made by the Contractor.
- .3 All replaced parts and materials, whether serviceable or unserviceable must be returned to the Engineer upon completion of work.

- 2.2 ALTERATIONS & SUBSTITUTIONS .1 The Contractor will not make any changes in the design and installation of equipment and fixtures without prior written authority by the Engineer or his / her authorized representative.

PART 3 - EXECUTION

- 3.1 MANUFACTURER'S DIRECTION .1 All manufactured articles, materials and equipment must be applied, installed, connected and erected, used, cleaned and reconditioned as specified by the manufacturer unless otherwise directed by the Engineer in writing.

ANNEX C - ANNEXE C

RECEIVED

JUL 15 2014

Government
of CanadaGouvernement
du Canada

Number / Numéro du contrat

W010C-14-C144

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		2. Branch or Directorate / Direction générale ou Direction MARLANT/FCE
3. a) Subcontract Number / Numéro du contrat de sous-traitance		3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant
4. Brief Description of Work / Brève description du travail Work under this SOA comprises the furnishing of all labour, material, tools, equipment and transportation required for the inspection, servicing, calibration and repairs of all instruments, recorders, drives, controls, monitoring equipment, alarm systems and accessories as fitted in the central heating plants, boiler rooms, arenas and curling rinks		
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées?		<input checked="" type="checkbox"/> No Non <input type="checkbox"/> Yes Oui
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques?		<input checked="" type="checkbox"/> No Non <input type="checkbox"/> Yes Oui
6. Indicate the type of access required / Indiquer le type d'accès requis		
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c)		<input checked="" type="checkbox"/> No Non <input type="checkbox"/> Yes Oui
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé.		<input type="checkbox"/> No Non <input checked="" type="checkbox"/> Yes Oui
6. c) Is this a commercial courier or delivery requirement with no overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit?		<input checked="" type="checkbox"/> No Non <input type="checkbox"/> Yes Oui
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès		
Canada <input type="checkbox"/>	NATO / OTAN <input type="checkbox"/>	Foreign / Étranger <input type="checkbox"/>
7. b) Release restrictions / Restrictions relatives à la diffusion		
No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>	All NATO countries Tous les pays de l'OTAN <input type="checkbox"/>	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 : Specify country(ies): / Préciser le(s) pays : <input type="checkbox"/>	Restricted to: / Limité à : Specify country(ies): / Préciser le(s) pays : <input type="checkbox"/>	Restricted to: / Limité à : Specify country(ies): / Préciser le(s) pays : <input type="checkbox"/>
7. c) Level of information / Niveau d'information		
PROTECTED A <input type="checkbox"/>	NATO UNCLASSIFIED <input type="checkbox"/>	PROTECTED A <input type="checkbox"/>
PROTÉGÉ A <input type="checkbox"/>	NATO NON CLASSIFIÉ <input type="checkbox"/>	PROTÉGÉ A <input type="checkbox"/>
PROTECTED B <input type="checkbox"/>	NATO RESTRICTED <input type="checkbox"/>	PROTECTED B <input type="checkbox"/>
PROTÉGÉ B <input type="checkbox"/>	NATO DIFFUSION RESTREINTE <input type="checkbox"/>	PROTÉGÉ B <input type="checkbox"/>
PROTECTED C <input type="checkbox"/>	NATO CONFIDENTIAL <input type="checkbox"/>	PROTECTED C <input type="checkbox"/>
PROTÉGÉ C <input type="checkbox"/>	NATO CONFIDENTIEL <input type="checkbox"/>	PROTÉGÉ C <input type="checkbox"/>
CONFIDENTIAL <input type="checkbox"/>	NATO SECRET <input type="checkbox"/>	CONFIDENTIAL <input type="checkbox"/>
CONFIDENTIEL <input type="checkbox"/>	NATO SECRET <input type="checkbox"/>	CONFIDENTIEL <input type="checkbox"/>
SECRET <input type="checkbox"/>	COSMIC TOP SECRET <input type="checkbox"/>	SECRET <input type="checkbox"/>
SECRET <input type="checkbox"/>	COSMIC TRÈS SECRET <input type="checkbox"/>	SECRET <input type="checkbox"/>
TOP SECRET <input type="checkbox"/>		TOP SECRET <input type="checkbox"/>
TRÈS SECRET <input type="checkbox"/>		TRÈS SECRET <input type="checkbox"/>
TOP SECRET (SIGINT) <input type="checkbox"/>		TOP SECRET (SIGINT) <input type="checkbox"/>
TRÈS SECRET (SIGINT) <input type="checkbox"/>		TRÈS SECRET (SIGINT) <input type="checkbox"/>



Government of Canada /
Gouvernement du Canada

Number / Numéro du contrat
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Security Classification / Classification de sécurité
UNCLASSIFIED

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 : ESCORT WILL BE PROVIDED IF NECESSARY

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



Government of Canada
Gouvernement du Canada

Contract Number / Numéro du contrat
W010C-14-C144

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 DIFFUSION RESTREINTE	NATO CONFIDENTIAL NATO CONFIDENTIEL	NATO SECRET	COSMIC TOP SECRET COSMIC TRÈS SECRET	PROTECTED PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET TRÈS SECRET	
											A	B	C				
Information / Assets Renseignements / Biens Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IT Media / Support TI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IT Link / Lien électronique	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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).

