

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

Nova Scotia

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 IS A SECURITY REQUIREMENT ASSOCIATED
WITH THIS DOCUMENT

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 Asphalt Repairs	
Solicitation No. - N° de l'invitation W6837-185216/A	Date 2017-03-13
Client Reference No. - N° de référence du client W6837-18-5216	GETS Ref. No. - N° de réf. de SEAG PW-\$HAL-220-10084
File No. - N° de dossier HAL-6-77211 (220)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-04-24	Time Zone Fuseau horaire Atlantic Standard Time AST
Delivery Required - Livraison exigée	
Address Enquiries to: - Adresser toutes questions à: Dunphy, Nancy	Buyer Id - Id de l'acheteur hal220
Telephone No. - N° de téléphone (902)496-5481 ()	FAX No. - N° de FAX (902)496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	
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

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION	3
1.1 INTRODUCTION	3
1.2 SUMMARY	3
1.3 SECURITY REQUIREMENTS	3
1.4 DEBRIEFINGS.....	4
PART 2 - OFFEROR INSTRUCTIONS	4
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS	4
2.2 SUBMISSION OF OFFERS.....	4
2.3 FORMER PUBLICSERVANT.....	4
2.4 ENQUIRIES - REQUEST FOR STANDING OFFERS.....	6
2.5 APPLICABLE LAWS.....	6
PART 3 - OFFER PREPARATION INSTRUCTIONS	6
3.1 OFFER PREPARATION INSTRUCTIONS.....	6
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION	7
4.1 EVALUATION PROCEDURES	7
4.2 BASIS OF SELECTION	8
PART 5 – CERTIFICATIONS.....	8
5.1 CERTIFICATIONS REQUIRED WITH THE OFFER.....	8
5.2 CERTIFICATIONS PRECEDENT TO THE ISSUANCE OF A STANDING OFFER AND ADDITIONAL INFORMATION	8
PART 6 - SECURITY, FINANCIAL AND INSURANCE REQUIREMENTS.....	9
6.1 SECURITY REQUIREMENTS	9
6.2 INSURANCE REQUIREMENTS.....	9
A.STANDING OFFER	10
7.1 OFFER	10
7.2 SECURITY REQUIREMENTS	10
7.3 STANDARD CLAUSES AND CONDITIONS.....	10
7.4 TERM OF STANDING OFFER.....	11
7.5 AUTHORITIES	11
7.6 PROACTIVE DISCLOSURE OF CONTRACTS WITH FORMER PUBLIC SERVANTS.....	12
7.7 IDENTIFIED USERS	12
7.8 CALL-UP INSTRUMENT	12
7.9 LIMITATION OF CALL-UPS	12
7.10 PRIORITY OF DOCUMENTS	12
7.11 CERTIFICATIONS AND ADDITIONAL INFORMATION.....	13
7.12 APPLICABLE LAWS.....	13
B.RESULTING CONTRACT CLAUSES	13
7.1 STATEMENT OF WORK	13
7.2 STANDARD CLAUSES AND CONDITIONS.....	13
7.3 TERM OF CONTRACT.....	13
7.4 PAYMENT.....	14
7.5 INVOICING INSTRUCTIONS.....	14

Solicitation No. - N° de l'invitation
W6837-185216/A
Client Ref. No. - N° de réf. du client
W6837-18-5216

Amd. No. - N° de la modif.
File No. - N° du dossier
HAL-6-77211

Buyer ID - Id de l'acheteur
HAL220
CCC No./N° CCC - FMS No./N° VME

ANNEX A	16
STATEMENT OF WORK	16
ANNEX B	16
BASIS OF PAYMENT.....	16
ANNEX C	32
SECURITY REQUIREMENTS CHECK LIST	32
ANNEX “D”	33
INTEGRITY REQUIREMENTS.....	33
ANNEX E	34
INSURANCE REQUIREMENTS.....	34
ANNEX F	35
REPORTING REQUIREMENTS.....	35

PART 1 - GENERAL INFORMATION

1.1 Introduction

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

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

7A, includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions;

7B, includes the clauses and conditions which will apply to any contract resulting from a call-up made pursuant to the Standing Offer. |

The Annexes include the Statement of Work, the Basis of Payment, Insurance and any other annexes

1.2 Summary

Public Services and Procurement Canada (PSPC) on behalf of the Department of National Defence has a requirement for a Regional Individual Standing Offer for the furnishings of all labour, permits, material, equipment and tools required to repair and install new asphalt and concrete surfaces including granular bases preparation at various locations within CFB Halifax in Nova Scotia, on an "as and" when requested basis.

1.2.1 This requirement is subject to the North American Free Trade Agreement (NAFTA), World Trade Organization Agreement on Government Procurement (WTO-AGP), and Agreement on Internal Trade (AIT), Canada-Chile, Canada-Peru and Canada-Columbia trade agreements.

1.3 Security Requirements

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 \(ISP\)](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.

1.4 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

2.1 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) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

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

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

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

Delete: 60 days

Insert: **90 days**

2.1.1 Firm Price and/or Rates

The Offeror **must** submit firm prices/rates that will apply for the entire period of the Standing Offer.

2.2 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.

2.3 Former Public Servant

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPS, 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.
- e.

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

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

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Offeror a FPS in receipt of a pension? **YES () NO ()**

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

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

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

Work Force Adjustment Directive

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

If so, the Offeror must provide the following information:

- a. name of former public servant;
- b. conditions of the lump sum payment incentive;
- c. date of termination of employment;
- d. amount of lump sum payment;
- e. rate of pay on which lump sum payment is based;

- f. period of lump sum payment including start date, end date and number of weeks;
- g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

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

2.4 Enquiries - Request for Standing Offers

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

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

2.5 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

3.1 Offer Preparation Instructions

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

- Section I: Technical Offer – **ONE Hard Copy**
- Section II: Financial Offer - **ONE Hard Copy**
- Section III: Certifications - **ONE 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 the **Basis of Payment – Annex B** - the total amount of Applicable Taxes must be shown separately.

3.1.1 Electronic Payment of Invoices - Offer

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete 7.6. ELECTRONIC PAYMENT INSTRUMENTS on page 15 of 35 (see herein), to identify which ones are accepted.

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

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

3.1.2 Exchange Rate Fluctuation

[C3011T](#) (2013-11-06) Exchange Rate Fluctuation

Section III: Certifications

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

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Offers will be assessed in accordance with the entire requirement of the Request for Standing Offers including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the offers.

4.1.1 Technical Evaluation

It is mandatory that all bidders submit **FIRM prices/rate** for ALL items in the cost form, including no cost items. The FIRM prices/rates will stand for the entire period of the standing offer.

4.1.2 Financial Evaluation

The price of the offer will be evaluated in **CANADIAN DOLLARS**, applicable Taxes excluded.

4.2 Basis of Selection

An offer must comply with the requirements of the Request for Standing Offers to be declared responsive. The responsive offer with the lowest evaluated price in **Annex B** will be recommended for issuance of a standing offer.

PART 5 – CERTIFICATIONS

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

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

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

5.1 Certifications Required with the Offer

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

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

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

5.2.1 Integrity Provisions – Required Documentation

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

5.2.2 Federal Contractors Program for Employment Equity - Standing Offer Certification

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

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

PART 6 – SECURITY AND INSURANCE REQUIREMENTS

6.1 Security Requirements

1. At the Request for Standing Offers closing date, the following conditions must be met:
 - (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 sites must meet the security requirements as indicate 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.

6.2 Insurance Requirements

The Offeror must provide a letter from an insurance broker or an insurance company licensed to operate in Canada stating that the Offeror, if issued a standing offer as a result of the request for standing offer, can be insured in accordance with the Insurance Requirements specified in **Annex E**.

If the information is not provided in the offer, the Standing Offer Authority will so inform the Offeror and provide the Offeror with a time frame within which to meet the requirement. Failure to comply with the request of the Standing Offer Authority and meet the requirement within that time period will render the offer non-responsive.

PART 7 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

A. STANDING OFFER

7.1 Offer

7.1.1 The Offeror offers to fulfill the requirement in accordance with the Statement of Work at **Annex A**.

7.2 Security Requirements

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

SECURITY REQUIREMENT FOR CANADIAN SUPPLIER: PWGSC FILE W6837-18-5216

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.
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).

7.3 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.

7.3.1 General Conditions

2005 (2016.04.04) General Conditions - Standing Offers - Goods or Services, apply to and form part of the Standing Offer.

7.3.2 Standing Offers 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.

The Offeror must provide this data in accordance with the reporting requirements detailed in **Annex F**. 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** 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 **30** calendar days after the end of the reporting period.

7.4 Term of Standing Offer

7.4.1 Period of the Standing Offer

The period for making call-ups against the Standing Offer is from **May 22, 2017** to **May 21, 2018**.

7.4.4 Delivery Points

Delivery of the requirement will be made to delivery point(s) specified at Annex "A" of the Standing Offer.

7.5 Authorities

7.5.1 Standing Offer Authority

The Standing Offer Authority is:

Name: **Nancy Dunphy**
Title: **Supply Officer**
Public Works and Government Services Canada
Acquisitions Branch
Address: 1713 BEDFORD ROW
HALIFAX, NOVA SCOTIA B3J 3C9
Telephone: **902.496-5481**
E-mail address: Nancy.Dunphy@pwgsc.gc.ca

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

7.5.2 Project Authority

The Project Authority for the Standing Offer is: (Will be filled in at issuance of Standing Offer)

Name: _____
Title: _____
Organization: _____

Solicitation No. - N° de l'invitation

W6837-185216/A

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

W6837-18-5216

Amd. No. - N° de la modif.

File No. - N° du dossier

HAL-6-77211

Buyer ID - Id de l'acheteur

HAL220

CCC No./N° CCC - FMS No./N° VME

Address: _____

Telephone: ____ - ____ - ____

Facsimile: ____ - ____ - ____

E-mail address: _____

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

7.5.3 Offeror's Representative (Offerer to fill in)

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone: ____ - ____ - ____

Facsimile: ____ - ____ - ____

E-mail address: _____

7.6 Proactive Disclosure of Contracts with Former Public Servants

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

7.7 Identified Users

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

7.8 Call-up Instrument

The Work will be authorized or confirmed by the Identified User(s) using form **942 – Call-Up Against a Standing Offer.**

7.9 Limitation of Call-ups

Individual call-ups against the Standing Offer must not exceed **\$60,000.00** (Applicable Taxes included).

7.10 Priority of Documents

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

- a) the call up against the Standing Offer, including any annexes;
- b) the articles of the Standing Offer;

- c) the general conditions 2005 **2016.04.04** General Conditions - Standing Offers - Goods or Services
- d) the general conditions 2010C **2016.04.04** – General Conditions – Services (Medium Complexity) ;
- f) **Annex A**, Statement of Work
- g) **Annex B**, Basis of Payment
- h) **Annex C**, Security Requirements Check List
- i) **Annex D**, Integrity Requirements
- k) **Annex E**, Insurance Requirements
- j) **Annex F**, Reporting Requirements
- k) the Offeror's offer dated [REDACTED]

7.11 Certifications and Additional Information

7.11.1 Compliance

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

7.12 Applicable Laws

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

7.1 Statement of Work

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

7.2 Standard Clauses and Conditions

7.2.1 General Conditions

2010C – **2016.04.04**, General Conditions - Services (Medium Complexity) apply to and form part of the Contract.

Section 13 - Interest on Overdue Accounts, of **2010C – 2016.04.04** General Conditions will not apply to payments made by credit cards.

7.3 Term of Contract

7.3.1 Period of the Contract

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

7.3.2 Delivery Date

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

7.5 Payment

7.5.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price as specified in **Annex B**. 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.

7.5.2 Limitation of Expenditure

Canada's total liability to the Contractor under the Contract must not exceed \$ 600,000.00. Customs duties are excluded and Applicable Taxes are extra.

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.

If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

7.6 Invoicing Instructions

The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions.

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

One (1) copy of the invoice must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

7.6.1 ELECTRONIC PAYMENT INSTRUMENTS (See PART 3 OF THE REQUEST FOR STANDING OFFERS)

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

-
- () VISA Acquisition Card;
 - () MasterCard Acquisition Card;
 - () Direct Deposit (Domestic and International);
 - () Electronic Data Interchange (EDI);
 - () Wire Transfer (International Only);

7.7 Insurance Requirements

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

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

The Contractor must forward to the Contracting Authority **within ten (10) days** after the date of award of the Contract, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force. For Canadian-based Contractors, coverage must be placed with an Insurer licensed to carry out business in Canada, however, for Foreign-based Contractors, coverage must be placed with an Insurer with an A.M. Best Rating no less than "A-". The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.

Solicitation No. - N° de l'invitation

W6837-185216/A

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

W6837-18-5216

Amd. No. - N° de la modif.

File No. - N° du dossier

HAL-6-77211

Buyer ID - Id de l'acheteur

HAL220

CCC No./N° CCC - FMS No./N° VME

ANNEX A

STATEMENT OF WORK

See Attached

ANNEX "B"

BASIS OF PAYMENT

1. All labour, material, equipment, and transportation required for asphalt work must be measured in units below, based on method as specified in the specification and / or shown on drawings and scope of work supplied by the Engineer.
2. Payments will be based on actual work done and all quantities will be verified and approved by Engineer prior to payment.
3. No payment will be made for loss, damage, or anticipated profits due to a difference between estimated quantities and actual work completed.
4. Quantities of work must be agreed upon between Contractor and Engineer prior to commencement of work.

Table 1 – Year 1

May 22, 2017 to May 21, 2018

Column A	Column B Work Description	Column B Unit of Measure	Column C Estimated Quantity	Column D Unit Price	Column E Estimated Total (C x D)
I. Removal and disposal of concrete or asphalt sidewalks, including surrounding sod and 150 mm of existing base, fill, or debris.					
1.	0 – 100 mm thick	m ²	200	\$ _____	\$ _____
2.	101 – 200 mm thick	m ²	100	\$ _____	\$ _____
II. Removal and disposal of curb and gutter.					
1.	Concrete	m	100	\$ _____	\$ _____
2.	Asphalt	m	50	\$ _____	\$ _____
III. Removal and disposal of materials to facilitate new asphalt work.					
1.	Sod	m ²	100	\$ _____	\$ _____
2.	Asphalt	m ²	300	\$ _____	\$ _____

Solicitation No. - N° de l'invitation
W6837-185216/A
 Client Ref. No. - N° de réf. du client
W6837-18-5216

Amd. No. - N° de la modif.
 File No. - N° du dossier
HAL-6-77211

Buyer ID - Id de l'acheteur
HAL220
 CCC No./N° CCC - FMS No./N° VME

3.	Soil (0 – 150 mm)	m ²	100	\$ _____	\$ _____
IV. Saw cutting of pavements to facilitate new concrete work.					
1.	Asphalt (0 – 100 mm)	m ²	150	\$ _____	\$ _____
2.	Concrete (0 - 100 mm)	m ²	50	\$ _____	\$ _____
3.	Concrete (101 – 200 mm)	m ²	50	\$ _____	\$ _____
4.	Concrete (201 – 300 mm)	m ²	50	\$ _____	\$ _____
V. Install new compacted gravel base, 150mm deep, for slabs and sidewalks.					
1.	Type 1 material	m ²	500	\$ _____	\$ _____
2.	Type 2 material	m ²	100	\$ _____	\$ _____
VI. Place new hot mix asphalt concrete paving, including prime and tack coat.					
1.	0 – 50 mm	m ²	3,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	2,000	\$ _____	\$ _____
3.	Two lifts of 50 mm	m ²	2,000	\$ _____	\$ _____
VII. Place new concrete curb and gutter, including finishing, curing, control joints, and penetrating sealer.					
1.	Concrete curb & gutter	m ²	300	\$ _____	\$ _____
2.	Concrete curb	m ²	300	\$ _____	\$ _____
VIII. Place new asphalt curb and gutter.					
1.	Asphalt curb & gutter	m ²	150	\$ _____	\$ _____
2.	Asphalt curb	m ²	150	\$ _____	\$ _____
IX. Install additional compacted gravel base.					

1.	Type 1 material	m ³	50	\$ _____	\$ _____
2.	Type 2 material	m ³	25	\$ _____	\$ _____
X. Supply and install site restoration materials. Topsoil raked and rolled. Sods laid, pegged and watered once.					
1.	Sod	m ²	30	\$ _____	\$ _____
2.	Topsoil (100 mm minimum)	m ²	30	\$ _____	\$ _____
XI. Hot mix asphalt re-surfacing complete with tack coat.					
1.	0 – 50 mm	m ²	2,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	1,000	\$ _____	\$ _____
XII. Crack filling and sealing.					
1.	Sealing compound	m	300	\$ _____	\$ _____
XIII. Place new cold mix asphalt concrete paving.					
1.	0 – 50 mm	m ²	1,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	1,000	\$ _____	\$ _____
XIV. Labour – First hour of productive labour including travel time and all related expenses from Contractor's / Offeror's site (s) to job site (s) and return as listed in Section 01 11 00 of ANNEX A – Statement of Work. This First hour of productive labour including travel time and all related expenses must exclude unit costs for work listed under items I. – XIII. above.					
1.	Cement / concrete finisher with tools	per hour	5	\$ _____	\$ _____
2.	Helper / labourer	per hour	5	\$ _____	\$ _____
XV. Subsequent hours –Labour only. Excluding unit costs for work listed under items I. – XIII. above.					
1.	Cement / concrete finisher with tools	per hour	250	\$ _____	\$ _____
2.	Helper / labourer	per hour	250	\$ _____	\$ _____

Table 1 – Total Bid Price Year 1	
	\$ _____
Note: Allowance for materials, specialty equipment at net cost plus a mark-up of 10 %.	

Table 2 – Option Year 1

May 22, 2018 to May 21, 2019

Column A	Column B Work Description	Column B Unit of Measure	Column C Estimated Quantity	Column D Unit Price	Column E Estimated Total (C x D)
I. Removal and disposal of concrete or asphalt sidewalks, including surrounding sod and 150 mm of existing base, fill, or debris.					
1.	0 – 100 mm thick	m ²	200	\$ _____	\$ _____
2.	101 – 200 mm thick	m ²	100	\$ _____	\$ _____
II. Removal and disposal of curb and gutter.					
1.	Concrete	m	100	\$ _____	\$ _____
2.	Asphalt	m	50	\$ _____	\$ _____
III. Removal and disposal of materials to facilitate new asphalt work.					
1.	Sod	m ²	100	\$ _____	\$ _____
2.	Asphalt	m ²	300	\$ _____	\$ _____
3.	Soil (0 – 150 mm)	m ²	100	\$ _____	\$ _____
IV. Saw cutting of pavements to facilitate new concrete work.					
1.	Asphalt (0 – 100 mm)	m ²	150	\$ _____	\$ _____
2.	Concrete (0 - 100 mm)	m ²	50	\$ _____	\$ _____
3.	Concrete (101 – 200 mm)	m ²	50	\$ _____	\$ _____
4.	Concrete (201 – 300 mm)	m ²	50	\$ _____	\$ _____

V. Install new compacted gravel base, 150mm deep, for slabs and sidewalks.					
1.	Type 1 material	m ²	500	\$ _____	\$ _____
2.	Type 2 material	m ²	100	\$ _____	\$ _____
VI. Place new hot mix asphalt concrete paving, including prime and tack coat.					
1.	0 – 50 mm	m ²	3,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	2,000	\$ _____	\$ _____
3.	Two lifts of 50 mm	m ²	2,000	\$ _____	\$ _____
VII. Place new concrete curb and gutter, including finishing, curing, control joints, and penetrating sealer.					
1.	Concrete curb & gutter	m ²	300	\$ _____	\$ _____
2.	Concrete curb	m ²	300	\$ _____	\$ _____
VIII. Place new asphalt curb and gutter.					
1.	Asphalt curb & gutter	m ²	150	\$ _____	\$ _____
2.	Asphalt curb	m ²	150	\$ _____	\$ _____
IX. Install additional compacted gravel base.					
1.	Type 1 material	m ³	50	\$ _____	\$ _____
2.	Type 2 material	m ³	25	\$ _____	\$ _____
X. Supply and install site restoration materials. Topsoil raked and rolled. Sods laid, pegged and watered once.					
1.	Sod	m ²	30	\$ _____	\$ _____
2.	Topsoil (100 mm minimum)	m ²	30	\$ _____	\$ _____
XI. Hot mix asphalt re-surfacing complete with tack coat.					

Solicitation No. - N° de l'invitation
W6837-185216/A
 Client Ref. No. - N° de réf. du client
W6837-18-5216

Amd. No. - N° de la modif.
 File No. - N° du dossier
HAL-6-77211

Buyer ID - Id de l'acheteur
HAL220
 CCC No./N° CCC - FMS No./N° VME

1.	0 – 50 mm	m ²	2,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	1,000	\$ _____	\$ _____
XII. Crack filling and sealing.					
1.	Sealing compound	m	300	\$ _____	\$ _____
XIII. Place new cold mix asphalt concrete paving.					
1.	0 – 50 mm	m ²	1,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	1,000	\$ _____	\$ _____
XIV. Labour – First hour of productive labour including travel time and all related expenses from Contractor's / Offeror's site (s) to job site (s) and return as listed in Section 01 11 00 of ANNEX A – Statement of Work. This First hour of productive labour including travel time and all related expenses must exclude unit costs for work listed under items I. – XIII. above.					
1.	Cement / concrete finisher with tools	per hour	5	\$ _____	\$ _____
2.	Helper / labourer	per hour	5	\$ _____	\$ _____
XV. Subsequent hours –Labour only. Excluding unit costs for work listed under items I. – XIII. above.					
1.	Cement / concrete finisher with tools	per hour	250	\$ _____	\$ _____
2.	Helper / labourer	per hour	250	\$ _____	\$ _____
Table 2 – Total Bid Price Option Year 1					\$ _____
Note: Allowance for materials, specialty equipment at net cost plus a mark-up of 10 %.					

Table 3 – Option Year 2

May 22, 2019 to May 21, 2020

Column A	Column B Work Description	Column B Unit of Measure	Column C Estimated Quantity	Column D Unit Price	Column E Estimated Total (C x D)
I. Removal and disposal of concrete or asphalt sidewalks, including surrounding sod and 150 mm of existing base, fill, or debris.					
1.	0 – 100 mm thick	m ²	200	\$_____	\$_____
2.	101 – 200 mm thick	m ²	100	\$_____	\$_____
II. Removal and disposal of curb and gutter.					
1.	Concrete	m	100	\$_____	\$_____
2.	Asphalt	m	50	\$_____	\$_____
III. Removal and disposal of materials to facilitate new asphalt work.					
1.	Sod	m ²	100	\$_____	\$_____
2.	Asphalt	m ²	300	\$_____	\$_____
3.	Soil (0 – 150 mm)	m ²	100	\$_____	\$_____
IV. Saw cutting of pavements to facilitate new concrete work.					
1.	Asphalt (0 – 100 mm)	m ²	150	\$_____	\$_____
2.	Concrete (0 - 100 mm)	m ²	50	\$_____	\$_____
3.	Concrete (101 – 200 mm)	m ²	50	\$_____	\$_____
4.	Concrete (201 – 300 mm)	m ²	50	\$_____	\$_____
V. Install new compacted gravel base, 150mm deep, for slabs and sidewalks.					
1.	Type 1 material	m ²	500	\$_____	\$_____

Solicitation No. - N° de l'invitation
W6837-185216/A
 Client Ref. No. - N° de réf. du client
W6837-18-5216

Amd. No. - N° de la modif.
 File No. - N° du dossier
HAL-6-77211

Buyer ID - Id de l'acheteur
HAL220
 CCC No./N° CCC - FMS No./N° VME

2.	Type 2 material	m ²	100	\$ _____	\$ _____
VI. Place new hot mix asphalt concrete paving, including prime and tack coat.					
1.	0 – 50 mm	m ²	3,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	2,000	\$ _____	\$ _____
3.	Two lifts of 50 mm	m ²	2,000	\$ _____	\$ _____
VII. Place new concrete curb and gutter, including finishing, curing, control joints, and penetrating sealer.					
1.	Concrete curb & gutter	m ²	300	\$ _____	\$ _____
2.	Concrete curb	m ²	300	\$ _____	\$ _____
VIII. Place new asphalt curb and gutter.					
1.	Asphalt curb & gutter	m ²	150	\$ _____	\$ _____
2.	Asphalt curb	m ²	150	\$ _____	\$ _____
IX. Install additional compacted gravel base.					
1.	Type 1 material	m ³	50	\$ _____	\$ _____
2.	Type 2 material	m ³	25	\$ _____	\$ _____
X. Supply and install site restoration materials. Topsoil raked and rolled. Sods laid, pegged and watered once.					
1.	Sod	m ²	30	\$ _____	\$ _____
2.	Topsoil (100 mm minimum)	m ²	30	\$ _____	\$ _____
XI. Hot mix asphalt re-surfacing complete with tack coat.					
1.	0 – 50 mm	m ²	2,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	1,000	\$ _____	\$ _____

XII. Crack filling and sealing.					
1.	Sealing compound	m	300	\$ _____	\$ _____
XIII. Place new cold mix asphalt concrete paving.					
1.	0 – 50 mm	m ²	1,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	1,000	\$ _____	\$ _____
XIV. Labour – First hour of productive labour including travel time and all related expenses from Contractor's / Offeror's site (s) to job site (s) and return as listed in Section 01 11 00 of ANNEX A – Statement of Work. This First hour of productive labour including travel time and all related expenses must exclude unit costs for work listed under items I. – XIII. above.					
1.	Cement / concrete finisher with tools	per hour	5	\$ _____	\$ _____
2.	Helper / labourer	per hour	5	\$ _____	\$ _____
XV. Subsequent hours –Labour only. Excluding unit costs for work listed under items I. – XIII. above.					
1.	Cement / concrete finisher with tools	per hour	250	\$ _____	\$ _____
2.	Helper / labourer	per hour	250	\$ _____	\$ _____
Table 3 – Total Bid Price Option Year 2					\$ _____
Note: Allowance for materials, specialty equipment at net cost plus a mark-up of 10 %.					

Table 4 – Option Year 3

May 22, 2020 to May 21, 2021

Column A	Column B Work Description	Column B Unit of Measure	Column C Estimated Quantity	Column D Unit Price	Column E Estimated Total (C x D)
I.	Removal and disposal of concrete or asphalt sidewalks, including surrounding sod and 150 mm of existing base, fill, or debris.				

1.	0 – 100 mm thick	m ²	200	\$ _____	\$ _____
2.	101 – 200 mm thick	m ²	100	\$ _____	\$ _____
II. Removal and disposal of curb and gutter.					
1.	Concrete	m	100	\$ _____	\$ _____
2.	Asphalt	m	50	\$ _____	\$ _____
III. Removal and disposal of materials to facilitate new asphalt work.					
1.	Sod	m ²	100	\$ _____	\$ _____
2.	Asphalt	m ²	300	\$ _____	\$ _____
3.	Soil (0 – 150 mm)	m ²	100	\$ _____	\$ _____
IV. Saw cutting of pavements to facilitate new concrete work.					
1.	Asphalt (0 – 100 mm)	m ²	150	\$ _____	\$ _____
2.	Concrete (0 - 100 mm)	m ²	50	\$ _____	\$ _____
3.	Concrete (101 – 200 mm)	m ²	50	\$ _____	\$ _____
4.	Concrete (201 – 300 mm)	m ²	50	\$ _____	\$ _____
V. Install new compacted gravel base, 150mm deep, for slabs and sidewalks.					
1.	Type 1 material	m ²	500	\$ _____	\$ _____
2.	Type 2 material	m ²	100	\$ _____	\$ _____
VI. Place new hot mix asphalt concrete paving, including prime and tack coat.					
1.	0 – 50 mm	m ²	3,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	2,000	\$ _____	\$ _____
3.	Two lifts of 50 mm	m ²	2,000	\$ _____	\$ _____

VII. Place new concrete curb and gutter, including finishing, curing, control joints, and penetrating sealer.					
1.	Concrete curb & gutter	m ²	300	\$ _____	\$ _____
2.	Concrete curb	m ²	300	\$ _____	\$ _____
VIII. Place new asphalt curb and gutter.					
1.	Asphalt curb & gutter	m ²	150	\$ _____	\$ _____
2.	Asphalt curb	m ²	150	\$ _____	\$ _____
IX. Install additional compacted gravel base.					
1.	Type 1 material	m ³	50	\$ _____	\$ _____
2.	Type 2 material	m ³	25	\$ _____	\$ _____
X. Supply and install site restoration materials. Topsoil raked and rolled. Sods laid, pegged and watered once.					
1.	Sod	m ²	30	\$ _____	\$ _____
2.	Topsoil (100 mm minimum)	m ²	30	\$ _____	\$ _____
XI. Hot mix asphalt re-surfacing complete with tack coat.					
1.	0 – 50 mm	m ²	2,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	1,000	\$ _____	\$ _____
XII. Crack filling and sealing.					
1.	Sealing compound	m	300	\$ _____	\$ _____
XIII. Place new cold mix asphalt concrete paving.					
1.	0 – 50 mm	m ²	1,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	1,000	\$ _____	\$ _____
XIV. Labour – First hour of productive labour including travel time and all related expenses from					

Contractor's / Offeror's site (s) to job site (s) and return as listed in Section 01 11 00 of ANNEX A – Statement of Work. This First hour of productive labour including travel time and all related expenses must exclude unit costs for work listed under items I. – XIII. above.					
1.	Cement / concrete finisher with tools	per hour	5	\$ _____	\$ _____
2.	Helper / labourer	per hour	5	\$ _____	\$ _____
XV. Subsequent hours –Labour only. Excluding unit costs for work listed under items I. – XIII. above.					
1.	Cement / concrete finisher with tools	per hour	250	\$ _____	\$ _____
2.	Helper / labourer	per hour	250	\$ _____	\$ _____
Table 4 – Total Bid Price Option Year 3					\$ _____
Note: Allowance for materials, specialty equipment at net cost plus a mark-up of 10 %.					

Table 5 – Option Year 4

May 22, 2021 to May 21, 2022

Column A	Column B Work Description	Column B Unit of Measure	Column C Estimated Quantity	Column D Unit Price	Column E Estimated Total (C x D)
I. Removal and disposal of concrete or asphalt sidewalks, including surrounding sod and 150 mm of existing base, fill, or debris.					
1.	0 – 100 mm thick	m ²	200	\$ _____	\$ _____
2.	101 – 200 mm thick	m ²	100	\$ _____	\$ _____
II. Removal and disposal of curb and gutter.					
1.	Concrete	m	100	\$ _____	\$ _____
2.	Asphalt	m	50	\$ _____	\$ _____
III. Removal and disposal of materials to facilitate new asphalt work.					
1.	Sod	m ²	100	\$ _____	\$ _____

2.	Asphalt	m ²	300	\$ _____	\$ _____
3.	Soil (0 – 150 mm)	m ²	100	\$ _____	\$ _____
IV. Saw cutting of pavements to facilitate new concrete work.					
1.	Asphalt (0 – 100 mm)	m ²	150	\$ _____	\$ _____
2.	Concrete (0 - 100 mm)	m ²	50	\$ _____	\$ _____
3.	Concrete (101 – 200 mm)	m ²	50	\$ _____	\$ _____
4.	Concrete (201 – 300 mm)	m ²	50	\$ _____	\$ _____
V. Install new compacted gravel base, 150mm deep, for slabs and sidewalks.					
1.	Type 1 material	m ²	500	\$ _____	\$ _____
2.	Type 2 material	m ²	100	\$ _____	\$ _____
VI. Place new hot mix asphalt concrete paving, including prime and tack coat.					
1.	0 – 50 mm	m ²	3,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	2,000	\$ _____	\$ _____
3.	Two lifts of 50 mm	m ²	2,000	\$ _____	\$ _____
VII. Place new concrete curb and gutter, including finishing, curing, control joints, and penetrating sealer.					
1.	Concrete curb & gutter	m ²	300	\$ _____	\$ _____
2.	Concrete curb	m ²	300	\$ _____	\$ _____
VIII. Place new asphalt curb and gutter.					
1.	Asphalt curb & gutter	m ²	150	\$ _____	\$ _____
2.	Asphalt curb	m ²	150	\$ _____	\$ _____
IX. Install additional compacted gravel base.					

1.	Type 1 material	m ³	50	\$ _____	\$ _____
2.	Type 2 material	m ³	25	\$ _____	\$ _____
X. Supply and install site restoration materials. Topsoil raked and rolled. Sods laid, pegged and watered once.					
1.	Sod	m ²	30	\$ _____	\$ _____
2.	Topsoil (100 mm minimum)	m ²	30	\$ _____	\$ _____
XI. Hot mix asphalt re-surfacing complete with tack coat.					
1.	0 – 50 mm	m ²	2,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	1,000	\$ _____	\$ _____
XII. Crack filling and sealing.					
1.	Sealing compound	m	300	\$ _____	\$ _____
XIII. Place new cold mix asphalt concrete paving.					
1.	0 – 50 mm	m ²	1,000	\$ _____	\$ _____
2.	51 – 75 mm	m ²	1,000	\$ _____	\$ _____
XIV. Labour – First hour of productive labour including travel time and all related expenses from Contractor's / Offeror's site (s) to job site (s) and return as listed in Section 01 11 00 of ANNEX A – Statement of Work. This First hour of productive labour including travel time and all related expenses must exclude unit costs for work listed under items I. – XIII. above.					
1.	Cement / concrete finisher with tools	per hour	5	\$ _____	\$ _____
2.	Helper / labourer	per hour	5	\$ _____	\$ _____
XV. Subsequent hours –Labour only. Excluding unit costs for work listed under items I. – XIII. above.					
1.	Cement / concrete finisher with tools	per hour	250	\$ _____	\$ _____
2.	Helper / labourer	per hour	250	\$ _____	\$ _____

Solicitation No. - N° de l'invitation

W6837-185216/A

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

W6837-18-5216

Amd. No. - N° de la modif.

File No. - N° du dossier

HAL-6-77211

Buyer ID - Id de l'acheteur

HAL220

CCC No./N° CCC - FMS No./N° VME

Table 5 – Total Bid Price Option Year 4	\$ _____
Note: Allowance for materials, specialty equipment at net cost plus a mark-up of 10 %.	

Table 1 - Total Year 1 \$ _____

Table 2 - Total Option Year 1 \$ _____

Table 3 - Total Option Year 2 \$ _____

Table 4 - Total Option Year 3 \$ _____

Table 5 - Total Option Year 4 \$ _____

Total Bid Price (Table 1+2+3+4+5) \$ _____

Solicitation No. - N° de l'invitation

W6837-185216/A

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

W6837-18-5216

Amd. No. - N° de la modif.

File No. - N° du dossier

HAL-6-77211

Buyer ID - Id de l'acheteur

HAL220

CCC No./N° CCC - FMS No./N° VME

ANNEX C

SECURITY REQUIREMENTS CHECK LIST

SEE ATTACHED

Solicitation No. - N° de l'invitation
W6837-185216/A
Client Ref. No. - N° de réf. du client
W6837-18-5216

Amd. No. - N° de la modif.
File No. - N° du dossier
HAL-6-77211

Buyer ID - Id de l'acheteur
HAL220
CCC No./N° CCC - FMS No./N° VME

ANNEX "D"

Integrity Requirements

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

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

Complete Legal Name of Supplier:

Supplier Address: _____

Supplier PBN: _____

List of Directors: Please provide a list of names of all individuals currently on the Board of Directors of the above company.

Board of Directors (Full Name and Position)

ANNEX E

INSURANCE REQUIREMENTS

1. The Contractor must obtain Commercial General Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$2,000,000 per accident or occurrence and in the annual aggregate.
2. The Commercial General Liability policy must include the following:
 - a. Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada should read as follows: Canada, as represented by Public Works and Government Services Canada.
 - b. Bodily Injury and Property Damage to third parties arising out of the operations of the Contractor.
 - c. Products and Completed Operations: Coverage for bodily injury or property damage arising out of goods or products manufactured, sold, handled, or distributed by the Contractor and/or arising out of operations that have been completed by the Contractor.
 - d. Personal Injury: While not limited to, the coverage must include Violation of Privacy, Libel and Slander, False Arrest, Detention or Imprisonment and Defamation of Character.
 - e. Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.
 - f. Blanket Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.
 - g. Employees and, if applicable, Volunteers must be included as Additional Insured.
 - h. Employers' Liability (or confirmation that all employees are covered by Worker's compensation (WSIB) or similar program)
 - i. Broad Form Property Damage including Completed Operations: Expands the Property Damage coverage to include certain losses that would otherwise be excluded by the standard care, custody or control exclusion found in a standard policy.
 - j. Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of policy cancellation.
 - k. If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.
 - l. Owners' or Contractors' Protective Liability: Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.
 - m. Non-Owned Automobile Liability - Coverage for suits against the Contractor resulting from the use of hired or non-owned vehicles.
 - n. Sudden and Accidental Pollution Liability (minimum 120 hours): To protect the Contractor for liabilities arising from damages caused by accidental pollution incidents.

Solicitation No. - N° de l'invitation
W6837-185216/A
Client Ref. No. - N° de réf. du client
W6837-18-5216

Amd. No. - N° de la modif.
File No. - N° du dossier
HAL-6-77211

Buyer ID - Id de l'acheteur
HAL220
CCC No./N° CCC - FMS No./N° VME

ANNEX F

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 to:

Public Works and Government Services Canada
Acquisitions
Real Property Contracting
1713 Bedford Row / PO Box 2247
Halifax, Nova Scotia B3J 3C9
ATTN: NANCY DUNPHY
Nancy.Dunphy@pwgsc.gc.ca

Standing Offer Description Asphalt Maintenance – Various locations CFB Halifax		Standing Offer Number W6837-185216/001/HAL		Start Date of Standing Offer		End Date of Standing Offer	
Total Value To Date		Total Value for Reporting Period		Start Date of Reporting Period		End Date of Reporting Period	
Department Requesting	Order # on Call-Up	Description	Item Quantity	Unit of Measure	Date of Order of Call-Up	Date of Delivery	Value of Order (Not Including GST/HST)
							\$
							\$
							\$
							\$
							\$

Department of National Defence



Specification

Standing Offer Agreement

Asphalt Paving and Repairs

CFB Halifax, NS

Job No.W6837-18-5216

2016-10-28

<u>Section</u>	<u>Title</u>	<u>Pages</u>
Division 01 - General Requirements		
01 11 00	General Instructions	7
01 35 15	Industrial Security	4
01 35 30	Health and Safety Requirements	7
01 35 35	DND Fire Safety Requirements	4
01 35 36	Security, Safety and Fire Regulations CFAD Bedford, NS	6
01 35 37	Access to DRDC Atlantic Complex	1
01 35 43	Environmental Procedures	2
01 74 11	Cleaning	2
Division 03 - Concrete		
03 30 00	Concrete Work	10
Division 32 - Exterior Improvements		
32 12 16	Asphalt Paving and Repairs	17

PART 1 - GENERAL

1.1 RELATED SECTIONS

- .1 Section 03 30 00 Concrete Work.
- .2 Section 32 12 16 Asphalt Paving and Repairs.

1.2 DESCRIPTION OF WORK

- .1 Work under this Standing Offer Agreement comprises the furnishing of all labour, material, tools, equipment, transportation, and supervision required to carry out repairs and install of new asphalt and concrete surfaces including granular bases preparation for the various locations of CFB Halifax.

1.3 ENGINEER

- .1 All reference to the Engineer in this specification, who is the Contract Inspector which is representing the Real Property Operations Section - Halifax.
- .2 The Engineer will provide the Contractor with a list of his / her authorized representatives at the pre-job meeting.

1.4 WORK INCLUDED

- .1 Work included in this Standing Offer Agreement comprises the carrying out but not limited to the following:
 - .1 cutting and removing of asphalt;
 - .2 replacement of granular sub-base, base and paving;
 - .3 adjustment of manholes, water valves and any other appurtenances associated with scope of work;
 - .4 re-paving of deteriorated asphalt;
 - .5 routing out, filling and sealing cracks;
 - .6 removal of damaged or deteriorated concrete;
 - .7 replacement of granular sub-base, base and concrete;
 - .8 formwork;
 - .9 miscellaneous concrete work;
 - .10 saw cutting;
 - .11 replacement of damaged topsoil and sods; and

1.4 WORK INCLUDED

<u>(Cont'd)</u>	.1	(Cont'd)
	.12	clean up.

1.5 LOCATIONS OF JOB SITES

.1	Areas covered under this specification include but not limited to the following locations:
.1	Stadacona - Halifax, NS;
.2	Windsor Park - Halifax, NS;
.3	Willow Park - Halifax, NS;
.4	Royal Artillery (RA) Park - Halifax, NS;
.5	Halifax Armoury - Halifax, NS;
.6	HMC Dockyard - Halifax, NS;
.7	Damage Control Division - Herring Cove, NS;
.8	Ferguson's Cove - Ferguson's Cove, NS;
.9	12 Wing Shearwater - Eastern Passage, NS;
.10	Osbourne Head - Cow Bay, NS;
.11	Dockyard Annex (NAD) - Dartmouth, NS;
.12	DRDC Atlantic - Dartmouth, NS;
.13	Wright`s Cove Degaussing Range - Dartmouth, NS;
.14	CFAD Bedford - Bedford, NS;
.15	Bedford Armoury - Bedford, NS;
.16	Bedford Rifle Range - Bedford, NS;
.17	NRS Mill Cove - Mill Cove, NS;
.18	NRS Newport Corner - Newport Corner, NS; and
.19	Windsor Armoury - Windsor, NS.

<u>1.6 SITE ACCESS</u>	.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 and representatives of the Contractor must comply with all of the Standing Orders as promulgated by Base Authorities.
<u>1.7 PRE-JOB MEETING</u>	.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.
<u>1.8 CONTRACTOR QUALIFICATIONS</u>	.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.
<u>1.9 WORKMANSHIP</u>	.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.
	.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 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.

1.11 CONTRACTOR'S USE OF
SITE

- .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 At completion of operations condition of existing work: equal to or better than that which existed before new work started.
- .6 Obtain a properly completed excavation permit from the Engineer prior to carrying out any excavations on site.

1.12 PARKING

- .1 In limited areas, a parking space will be made available on site for Contractor vehicles to drop off equipment and supplies. Maintain and administer this space as directed.
- .2 The Contractor may have to pay for parking at the following locations:
 - .1 Stadacona - Halifax, NS;
 - .2 Windsor Park - Halifax, NS;
 - .3 Willow Park - Halifax, NS;
 - .4 Royal Artillery (RA) Park - Halifax, NS;
 - .5 Halifax Armoury - Halifax, NS;
 - .6 HMC Dockyard - Halifax, NS; and
 - .7 Dockyard Annex (NAD) - Dartmouth, NS.

1.13 CODES AND
STANDARDS

- .1 Perform work in accordance with the latest edition of the Nova Scotia Transportation and Public Works Standard Specification Highway Construction and Maintenance, Canada Labour Code Part II, and any other applicable federal, provincial and municipal regulations and by-laws. 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.

<u>1.13 CODES AND STANDARDS (Cont'd)</u>	.2	Meet or exceed requirements of Standing Offer documents, specified standards, codes and referenced documents.
<u>1.14 LICENSES AND PERMITS</u>	.1	The Contractor will be responsible for obtaining and paying for all licenses and permits required to perform the Work.
<u>1.15 PROTECTION OF EXISTING FACILITIES</u>	.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 Contractors operations must be repaired or replaced by the Contractor at his / her own expense, as soon as is reasonably possible.
	.2	Special coverings and protection must be provided to protect plants, 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.
<u>1.16 ALTERATIONS, ADDITIONS OR REPAIRS TO EXISTING BUILDINGS</u>	.1	Execute work with least possible interference or disturbance to building operations, occupants, public and normal use of premises. Arrange with Engineer to facilitate execution of work.
	.2	Where security has been reduced by work of Standing offer Agreement, 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.
<u>1.17 EXISTING SERVICES</u>	.1	Notify Engineer and utility companies of intended interruption of services and obtain required permission.
	.2	Where Work involves breaking into or connecting to existing services, give 24 hours notice for necessary interruption of mechanical or electrical service throughout course of work. Minimize durationh of interruptions. Carry out work at times as directed by governing authorities with minimum disturbance to tenant operations.

1.17 EXISTING SERVICES

(Cont'd)

- .3 Provide alternate routes for personnel, pedestrians and vehicular traffic.
- .4 Submit schedule to and obtain approval from Engineer for any shut-down or closure of active service or facility. Adhere to approved schedule and provide notice to affected parties.
- .5 Provide temporary services when directed by Engineer to maintain critical building and tenant systems.
- .6 Where unknown services are encountered, immediately advise Engineer and confirm findings in writing.
- .7 Protect, relocate or maintain existing active services. When inactive services are encountered, cap off in manner approved by authorities having jurisdiction.
- .8 Record locations of maintained, re-routed and abandoned service lines.

1.18 CUTTING, FITTING AND
PATCHING

- .1 Execute cutting, 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.
- .3 Make cuts with clean, true, smooth edges. Make patches inconspicuous in final assembly.

1.19 POWER AND WATER
SUPPLY

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

1.19 POWER AND WATER
SUPPLY
(Cont'd)

- .5 After the temporary service lines are no longer required, the Contractor must remove all lines and equipment, restore the connection points to their original condition and return the land to its original contour.

1.20 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.

1.21 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

2.1 NOT USED

- .1 Not used.

PART 3 - EXECUTION

3.1 NOT USED

- .1 Not used.

PART 1 - GENERAL

1.1 RELATED
REQUIREMENTS

- .1 Precedence:
 - .1 Division 1 sections take precedence over technical specifications in other Divisions of this specification.

1.2 DEFINITIONS

- .1 Canadian Industrial Security Directorate (CISD):
 - .1 A government agency that developed the Industrial Security Manual.
- .2 Company Security Officer (CSO):
 - .1 The CSO is the organization's official point of contact with the Industrial Security Program (ISP). He or she is responsible for monitoring the organization's security profile, addressing security issues, and is accountable to the ISP and to the organization's designated Key Senior Official on all industrial security matters.
- .3 Contractor CSO:
 - .1 The employee of the Contractor's company who is the CSO.
- .4 Industrial Security Manual (ISM):
 - .1 The ISM is a ready and simple reference which tells Company Security Officers what they must know about Canadian government security standards and procedures and how to ensure that their organization meets these security requirements.
- .5 Industrial Security Program (ISP):
 - .1 The Industrial Security Program (ISP) helps industry to participate in Government of Canada and foreign government contracts. CISD provide security screening services needed for contractors before their employees can work with Protected or Classified information and assets.
- .6 Visit Clearance Request (VCR):

1.2 DEFINITIONS
(Cont'd)

- .6 (Cont'd)
- .1 Is a form that is required to be filled out by an individual who requires access to sensitive DND property, personnel, information, assets and resources so they must be security screened at the appropriate level before commencement of their duties.
- .7 Restricted:
- .1 Refers to a situation where authorized persons only are allowed access to an area or information.
- .8 Security Requirements Check List (SRCL):
- .1 The Security Requirements Check List (SRCL) is a Treasury Board Secretariat (TBS) form used to define the security requirements for a contract. The SRCL represents an evaluation of security threats and risks that may arise through the contracting process.
- .9 Sensitive:
- .1 Records that are sensitive contain information that can cause different degrees of injury to an individual, a company, or the country if the information were disclosed in an unauthorized manner.

1.3 REFERENCE SITES

- .1 Public Works and Government Services Canada (PWGSC) Industrial Security:
- .1 <http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>

1.4 GENERAL

- .1 Security requirements must form part of the Contract between DND and industry when defined by a Security Requirement Check List (SRCL).
- .2 A Security Requirement Check List (SRCL) is a form that is used to define the security requirements associated with all contracts. The SRCL ensures that the appropriate security clauses are identified so they may be incorporated into the contract, thereby legally binding the parties to meet the contract's security requirements.
- .1 The SRCL must accompany all Contract documents including subcontracts that contain security requirements.

1.4 GENERAL
(Cont'd)

- .3 If multiple levels of screening are required, a Security Classification Guide may have been provided along with the SRCL as a contractual document. This document will provide further information related to security requirements when dealing with multiple levels of clearances within the Contract.

1.5 PRIVATE SECTOR
ORGANIZATION
SCREENING AND
CLEARANCES

- .1 Companies who will need access to or who will retain controlled goods, Protected or Classified property, information, assets or resources must be cleared as follows:
- .1 Companies must be cleared to safeguard the highest level of information and asset to be retained.
- .1 Designated Organization Screening (DOS) is required for access to Protected information, assets and secure work sites, as part of a Contract, and as long they need-to-know. (Reliability Status).
- .2 Facility Security Clearance (FSC) is required for access to Protected or Classified information, assets, and secure worksites, as part of a contract, and as long as they have a need-to-know (Secret status).
- .3 Document Safeguarding Capability (DSC) is required by contract to work on Protected and / or Classified information at their own worksite.
- .4 Companies who will electronically process and / or transmit sensitive electronic data on their information technology systems must have the Authority to Process IT and must obtain the mandatory IT written approval letter from the ISP for the level of security requested.

1.6 PERSONNEL SECURITY
SCREENING

- .1 Contracts with DND may require employees of the Contractor to access Protected and / or Classified information, assets or work sites. In these cases, the personnel who must have access to information and / or work site must have their personnel security screening completed. Please refer to PWGSC website for more information.
- .2 Refer to PWGSC website for the process to obtain a security screening.

1.7 VISIT CLEARANCE
REQUESTS (VCR)
APPROVAL

- .1 All individuals (including subcontractors) who will have access to sensitive DND information, assets, resources, or work sites must be security screened before submitting a visit clearance request (VCR).
- .2 The VCR process verifies that those who are permitted access onto DND property have the required clearance level as outlined within the Security Requirement Check List (SRCL) for the Contract.
- .3 All employees of the successful bidder who will be working on the contract require a VCR. The Contractor's CSO must forward the completed form to the Engineer for processing.

1.8 RESPONSIBILITY

- .1 It is the responsibility of the Contractor to have no security breaches while undertaking the work for this Contract.

PART 2 - PRODUCTS

2.1 NOT USED

- .1 Not used.

PART 3 - EXECUTION

3.1 NOT USED

- .1 Not used.

PART 1 - GENERAL

1.1 WORK 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 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 if requested by the Crown, indicating all safety training attained for each person who will be involved with the Standing Offer Agreement.
- .5 The following disciplinary measures will be taken for any violations of safety under this Standing Offer Agreement:
 - .1 First Violation:
 - .1 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 and PSPC.).
 - .2 Second Violation:
 - .1 Written warning to Contractor for second violation of a safety regulation (Violation will be documented on Standing Offer file, copy to Contractor and PSPC.).
 - .3 Third Violation:

1.1 WORK SAFETY
MEASURES
(Cont'd)

.5

(Cont'd)

.3 (Cont'd)

.1 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 Real Property Operations Unit - Atlantic (RPOU (A)) contracts (Documented to Standing Offer file, copies to Contractor and PSPC.).

.4 Serious Violation:

.1 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 documented on Standing Offer file, copy to Contractor and PSPC.).

.5 Charges Laid or Guilty Determination by Courts:

.1 Infractions of safety regulations that result in charges being laid by a regulator against the Contractor or the Contractor being found guilty by the courts may result in that Contractor being denied access to RPOU (A) contracts.

1.2 HAZARD ASSESSMENTS

.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:

.1 Carried out upon notification of Contract award and / or prior to commencement of Work.

.2 On-going Hazard Assessments:

.1 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;

1.2 HAZARD ASSESSMENTS
(Cont'd)

- .1 (Cont'd)
 - .2 (Cont'd)
 - .2 the scope of Work has been changed;
 - .3 Work conducted in confined spaces; and / or
 - .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 PRODUCT
AND 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 in course of work, stop work and notify Engineer immediately. 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;

1.4 HAZARDOUS MATERIAL
SPILL
(Cont'd)

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

1.5 FASTENING DEVICES
EXPLOSIVE ACTUATED

- .1 Explosive actuated devices must not be used without the approval of the Engineer.
- .2 Operator must have the appropriate training before using the explosive actuated device.
- .3 Follow the manufacturer's safety guidelines and ensure the applicable personal protective equipment is used.

1.6 HOT WORK

- .1 All hot work activity is to take place with Engineer's approval and written permission from the Base Fire Chief (hot work permit). Hot work permits and fire watch requirements will be provided by the Dockyard Fire Hall at 427-3500.
- .2 The ventilation system in the area of any hot work 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 Safety and Health 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 Safety and Health Regulations, Part XI.
- .3 The Contractor to provide and maintain training, as required by the Canada Occupational Safety and Health 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 Safety and Health 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.

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 Safety and Health Regulations, Part XII, Section 12.10.

1.8 FALL PROTECTION
(Cont'd)

- .2 The components of a fall protection system must meet the standards as outlined in the Canada Occupational Safety and Health 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 Safety and Health Regulations, Part XII, Section 12.3.

1.9 ARC FLASH

- .1 The Contractor is to ensure all electrical equipment such as switchboards, panel boards, motor control centres and meter socket enclosures be marked to warn persons of potential electric shock and arc flash hazards. This labeling is required for all new and 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 Workplace Electrical Safety, electrical 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 It is the Contractor's responsibility to be familiar with all applicable safety acts, regulations, codes and Standing Offer 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.
- .2 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.
- .3 Contractor must ensure that all applicable personal protective equipment (PPE) is used.

1.10 SAFETY

(Cont'd)

- .3 (Cont'd)
- .1 All personnel are required to wear hard hats, in accordance with CSA Z94.1, Industrial Protective Headwear.
 - .2 All personnel are required to wear safety footwear, in accordance with CSA Z195, Protective Footwear.
 - .3 All personnel are required to wear eye and face protection, in accordance with CSA Z94.3.1, Selection, Use, and Care of Protective Eyewear.
 - .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, Hearing Protection Devices - Performance, Selection, Care and Use.
 - .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, Selection, Use, and Care of Respirators.
- .4 The Engineer will coordinate arrangements for the Contractor to be briefed on site safety within fourteen (14) days of award of Standing Offer Agreement.

1.11 SITE SIGNS AND
NOTICES

- .1 Safety and instruction 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

2.1 NOT USED

- .1 Not used.

PART 3 - EXECUTION

3.1 NOT USED

- .1 Not used.

PART 1 - GENERAL

1.1 EMERGENCY REPORTING

- .1 Telephone numbers:
- .1 from Base phone: Dial 9-1-1;
- .2 from cell phone: 902-427-3333.

1.2 FIRE SAFETY
ENFORCEMENT

- .1 Within the confines 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, and with the most recent edition of the National Building Code of Canada (NBC) and the National Fire Code of Canada (NFC), including all subsequent revisions issued by the National Research Council of Canada.

1.3 FIRE SAFETY BRIEFING

- .1 Prior to commencement of work under this Standing Offer Agreement, 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.

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 Supply fire extinguishers, as scaled by the Base Fire Chief, necessary to protect work in progress and Contractor's physical plant on site.

1.6 SMOKING PRECAUTIONS

- .1 Smoking not permitted on DND property except in designated smoking areas. This includes smoking in passenger motor vehicles.
- .2 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.
- .3 Smoking is prohibited in all buildings.

1.6 SMOKING PRECAUTIONS
(Cont'd)

- .4 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 FIRES

- .1 Report immediately all fire incidents as follows:
- .1 activate nearest fire alarm box; or
 - .2 dial 9-1-1 or designated number given at the time of briefing; and
 - .3 telephone the Engineer.
- .2 Person activating fire alarm must remain at the alarm to direct the Fire Department to the scene of the fire.
- .3 When reporting fire by telephone, give location of fire, name and 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

- .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 the Engineer and the Base Fire Chief.

1.9 BLOCKAGE OF ACCESS
FOR FIRE APPARATUS

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

1.10 RUBBISH AND WASTE
MATERIALS

- .1 Keep rubbish and waste materials at minimum quantities.

1.10 RUBBISH AND WASTE
MATERIALS
(Cont'd)

- .2 Storage:
- .1 Where it is necessary to store oily waste in work areas exercise extreme care to ensure maximum possible safety and cleanliness.
- .2 Deposit greasy or oily rags and materials subject to spontaneous combustion in approved receptacles approved by the Base Fire Chief and removed as directed by the Engineer.
- .3 Burning of rubbish is prohibited.
- .4 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 Base 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, and measures prescribed by the Base Fire Chief.
- .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.

PART 2 - PRODUCTS

2.1 NOT USED

- .1 Not used.

PART 3 - EXECUTION

3.1 NOT USED

- .1 Not used.

PART 1 - GENERAL

1.1 GENERAL

- .1 The Contractor must ensure that all their personnel are familiar with these regulations and requirements.
- .2 The following is a summary the security, safety and fire regulations Canadian Forces Ammunition Depot (CFAD) Bedford, as promulgated by the Base Commander of CFB Halifax and administered by the Superintendent CFAD Bedford, NS.
- .3 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 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 complied 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 and will be required to sign acknowledgement that they are aware of and consent to the following conditions for access.
- .2 The person to whom this pass is issued agrees to return the pass to the 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 the 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 or 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:
 - .1 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:
 - .1 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:
 - .1 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:
 - .1 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:

-
- 1.7 ALARMS
(Cont'd)
- .5 (Cont'd)
- .1 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.
- .3 Fires may be reported by ringing the nearest street alarm box or by telephoning 9-1-1. 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 phone 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:
 - .1 Is strictly prohibited in explosive areas.
- .2 Buildings:
 - .1 Smoking is prohibited in all buildings.
- .3 Safety Precautions Electrical / Electronic Equipment:
 - .1 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 instructional manuals covering the equipment.
- .4 Flammables, Explosives or Chemicals:
 - .1 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:
 - .1 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:
 - .1 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;

1.10 SAFETY AND FIRE
REGULATIONS
(Cont'd)

- .6 (Cont'd)
 - .1 (Cont'd)
 - .3 container must have flexible or rigid built-in metal dispensing nozzle to prevent static sparks;
 - .4 standard of Acceptance: Protectoseal, model nos. 247, 249, 8410 and 8420;
 - .5 other acceptable products: Safe-T-Way; and
 - .6 any other model must be approved by the BFC.
 - .7 Violation of any of the above regulations will result in immediate cancellation of the offender's security pass and expulsion from the site.

1.11 TRAFFIC REGULATIONS

- .1 Vehicles:
 - .1 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 kilometres per hour at any time;
 - .4 no one will operate a vehicle within the Depot area at a speed greater than 8 kilometres per hour at any time, while passing between blast walls and buildings;
 - .5 no one will leave a vehicle unattended within 10 metres of a fire hydrant or within 30 metres of a building containing explosives; and
 - .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.

1.11 TRAFFIC REGULATIONS
(Cont'd)

- .1 (Cont'd)
 - .1 (Cont'd)
 - .2 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:
 - .1 In the event of a fire or 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:
 - .1 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

- 2.1 NOT USED .1 Not used.

PART 3 - EXECUTION

- 3.1 NOT USED .1 Not used.

PART 1 - GENERAL

- 1.1 SITE ACCESS .1 Contractor's personnel are required to report to the main desk each morning, sign the register and obtain an identification badge which must be displayed on their person at all times. Upon leaving the Complex at the end of the day, or at lunch time, the Contractor's personnel must report to the main desk, return the badge and be signed off the register.
- 1.2 PARKING .1 Contractor's vehicles will be allowed into the inner compound only under the following conditions; namely, for short periods of time, to load or unload equipment and supplies and then remove to the upper parking lot adjacent to Windmill Road or to the street. The site supervisor of the contracting firm will be allowed to park his / her vehicle, for short periods of time, in one of the visitor's parking slots or, if filled, he / she will be permitted to park in the inner compound while making periodic progress visits. It is emphasized that contractors' vehicles entering the inner compound can be subject to search by the Commissionaire on duty upon their departure. DRDC Atlantic reserves the right to limit the above-mentioned parking privileges if they are being abused.

PART 2 - PRODUCTS

- 2.1 NOT USED .1 Not used.

PART 3 - EXECUTION

- 3.1 NOT USED .1 Not used.

PART 1 - GENERAL

1.1 DEFINITIONS

- .1 Environmental Pollution and Damage:
 - .1 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 humans; or degrade environment aesthetically, culturally and / or historically.
- .2 Environmental Protection:
 - .1 Prevention / control of pollution and habitat or environment disruption during construction.

1.2 FIRES

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

1.3 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.

1.4 SITE CLEARING AND
PLANT PROTECTION

- .1 Protect trees and plants on site and adjacent properties as indicated.
- .2 Protect 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.
 - .1 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.

1.5 WORK ADJACENT TO
WATERWAYS

- .1 Construction equipment to be operated on land only.
- .2 Waterways to be kept free of excavated fill, waste material and debris.
- .3 Design and construct temporary crossings to minimize erosion to waterways.
- .4 Avoid indicated spawning beds when constructing temporary crossings of waterways.

1.6 POLLUTION CONTROL

- .1 Maintain temporary erosion and pollution control features installed under this Standing Offer Agreement.
- .2 Control emissions from equipment and plant in accordance with local authorities' emission requirements.
- .3 Cover or wet down dry materials and rubbish to prevent blowing dust and debris. Provide dust control for temporary roads.

PART 2 - PRODUCTS

2.1 NOT USED

- .1 Not used.

PART 3 - EXECUTION

3.1 NOT USED

- .1 Not used.

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 Solid waste materials that are generated within Halifax Regional Municipality (HRM) and do not require specialized out of county disposal sites must be disposed of within the boundaries of the HRM at a licensed or approved facility as per bylaw S-600.
- .5 Store volatile waste in covered metal containers, and remove from premises at end of each working day.
- .6 Use only cleaning materials recommended by manufacturer of surface to be cleaned, and as recommended by cleaning material manufacturer.
- .7 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 Broom clean and wash exterior walks, steps and surfaces; rake clean other surfaces of grounds.
- .5 Remove dirt and other disfiguration from exterior surfaces.
- .6 Sweep and wash clean paved areas.

PART 2 - PRODUCTS

2.1 NOT USED .1 Not used.

PART 3 - EXECUTION

3.1 NOT USED .1 Not used.

PART 1 - GENERAL

1.1 RELATED SECTIONS

- .1 Section 01 11 00 General Instructions.
- .2 Section 32 12 16 Asphalt Paving and Repairs.

1.2 REFERENCES

- .1 American Society for Testing and Materials International (ASTM International)
 - .1 ASTM C150/C150M, Standard Specification for Portland Cement.
 - .2 ASTM C260/C260M, Standard Specification for Air-Entraining Admixtures for Concrete.
 - .3 ASTM C309, Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete.
 - .4 ASTM C494/C494M, Standard Specification for Chemical Admixtures for Concrete.
 - .5 ASTM D1751, Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types).
- .2 Canadian General Standards Board (CGSB)
 - .1 CAN/CGSB-51.34, Vapour Barrier, Polyethylene Sheet for Use in Building Construction.
- .3 Canadian Standards Association (CSA International):
 - .1 CSA A23.1/A23.2, Concrete Materials and Methods of Concrete Construction/Methods of Test and Standard Practices for Concrete.
 - .2 CSA A3000, Cementitious Materials Compendium (Consists of A3001, A3002, A3003, A3004 and A3005).
 - .3 CSA G30.18, Carbon steel bars for concrete reinforcement.
 - .4 CAN/CSA S269.3, Concrete Formwork.

1.3 QUALITY ASSURANCE

- .1 Provide Engineer certification that plant, equipment, and materials to be used in concrete comply with CSA A23.1/A23.2.
 - .1 Provide test data and certification by qualified independant inspection and testing laboratory that materials and mix designs used in concrete mixture will meet specified requirements.
- .2 Upon request by Engineer, minimum 2 weeks prior to starting concrete work, provide proposed quality control procedures for review by Engineer on following items:
 - .1 falsework erection;
 - .2 hot weather concrete;
 - .3 cold weather concrete;
 - .4 curing;
 - .5 finishes;
 - .6 formwork removal; and
 - .7 joints.

1.4 DELIVERY, STORAGE
AND HANDLING

- .1 Delivery and Acceptance Requirements:
 - .1 Concrete hauling time:
 - .1 Deliver to site of Work and discharged within 120 minutes maximum after batching.
 - .1 Do not modify maximum time limit without receipt of prior written agreement from Engineer and concrete producer as described in CSA A23.1/A23.2.
 - .2 Deviations to be submitted for review by Engineer.
- .2 Concrete delivery:
 - .1 Ensure continuous concrete delivery from plant meets CSA 23.1/A23.2.

PART 2 - PRODUCTS

2.1 PERFORMANCE
CRITERIA

- .1 Quality Control Plan: Ensure concrete supplier meets performance criteria of concrete as established by Engineer and provide verification of compliance as described in PART 1 - QUALITY ASSURANCE.

2.2 MATERIALS

- .1 Portland Cement:
 - .1 To CSA A3001, type GU.
- .2 Supplementary cementing materials:
 - .1 To CSA A3001.
- .3 Water:
 - .1 To CSA A23.1/A23.2.
- .4 Aggregates:
 - .1 To CSA A23.1/A23.2.
- .5 Admixtures:
 - .1 Air entraining admixture:
 - .1 To ASTM C260.
 - .2 Chemical admixture:
 - .1 To ASTM C494. Engineer to approve accelerating or set retarding admixtures during cold and hot weather placing.
- .6 Shrinkage compensating grout:
 - .1 Premixed compound consisting of non-metallic aggregate, Portland cement, water reducing and plasticizing agents to CSA A23.1/A23.2.
 - .1 Compressive strength:
 - .1 50 MPa at 28 days.
- .7 Non premixed dry pack grout:

2.2 MATERIALS
(Cont'd)

- .7 (Cont'd)
 - .1 Composition of non metallic aggregate Portland cement with sufficient water for mixture to retain its shape when made into ball by hand and capable of developing compressive strength of 50 MPa at 28 days.
- .8 Curing compound:
 - .1 To CSA A23.1/A23.2, type 1-D with fugitive dye.
- .9 Mechanical waterstops:
 - .1 Ribbed, extruded PVC of sizes indicated.
- .10 Premoulded joint fillers:
 - .1 Bituminous impregnated fiber board:
 - .1 To ASTM D1751.
- .11 Weep hole tubes:
 - .1 Plastic.
- .12 Polyethylene film:
 - .1 Thickness to CAN/CGSB-51.34.
- .13 Bonding adhesive:
 - .1 As recommended by manufacturer for use intended.

2.3 MIXES

- .1 Alternative 1 - Performance Method for specifying concrete to meet performance criteria to CSA A23.1/A23.2.
 - .1 Ensure concrete supplier meets performance criteria as established below and provide verification of compliance.
 - .2 Provide concrete mix to meet following requirements:
 - .1 Cement:
 - .1 To CSA A3001, type GU.
 - .2 Minimum compressive strength at 28 days as indicated on drawings. Unless otherwise directed by Engineer use the following:

2.3 MIXES

- | | | | |
|-----------------|----|---|--|
| <u>(Cont'd)</u> | .1 | (Cont'd) | |
| | .2 | (Cont'd) | |
| | | .1 | slabs (exterior and interior): 30 MPa; |
| | | .2 | footings: 25 MPa; |
| | | .3 | sidewalks: 32 MPa; |
| | | .4 | walls and bases: 25 MPa unless shown otherwise; and |
| | | .5 | curb and gutter: 32 MPa. |
| | .3 | Minimum cement content: | |
| | | .1 | 300 kg/m ³ of concrete (for 30 MPa); and |
| | | .2 | 415 kg/m ³ of concrete (for 35 MPa). |
| | .3 | Provide concrete mix to meet following hard state requirements: | |
| | | .1 | Durability and class of exposure: |
| | | .1 | C-2 for sidewalks, curbs and gutters.
Engineer will provide class of exposure for other applications. |
| | | .2 | Aggregate size: |
| | | .1 | 20 mm maximum. |
| | | .3 | Slump: |
| | | .1 | At time and point of discharge 80 mm ±20 mm. |
| | | .4 | Air content: |
| | | .1 | 5 to 7 %. |
| | | .5 | Chemical admixtures: |
| | | .1 | Following admixtures in accordance with CSA A3000, type, quantity, water reducing, strength increasing, set retarding, accelerating, air-entraining, super plasticizers. |

PART 3 - EXECUTION

3.1 FABRICATION AND
ERECTION

- .1 Verify lines, levels and centres before proceeding with formwork / falsework and ensure dimensions agree with drawings.
- .2 Fabricate and erect formwork in accordance with CAN/CSA S269.3 to produce finished concrete conforming to shape, dimensions, locations, and levels indicated within tolerances required by CSA A23.1/A23.2.

3.2 PREPARATION

- .1 Obtain Engineer's written approval before placing concrete.
 - .1 Provide 24 hours minimum notice prior to placing of concrete.
- .2 Place concrete reinforcing in accordance with references.
- .3 During concreting operations:
 - .1 Development of cold joints not allowed.
 - .2 Ensure concrete delivery and handling facilitates placing with minimum of re-handling, and without damage to existing structure or Work.
- .4 Pumping of concrete is permitted only after approval of equipment and mix.
- .5 Ensure reinforcement and inserts are not disturbed during concrete placement.
- .6 Protect previous Work from staining.
- .7 Clean and remove stains prior to application for concrete finishes.
- .8 Maintain accurate records of poured concrete items to indicate date, location of pour, quality, air temperature and test samples taken.
- .9 In locations where new concrete is dowelled to existing work, drill holes in existing concrete.
 - .1 Place steel dowels of deformed steel reinforcing bars and pack solidly with shrinkage compensating grout to anchor and hold dowels in positions as indicated.

3.2 PREPARATION

(Cont'd)

- .10 Do not place load upon new concrete until authorized by Engineer.

3.3 INSTALLATION/
APPLICATION

- .1 Do cast-in-place concrete work to CSA A23.1/A23.2.
- .2 Sleeves and inserts:
 - .1 Do not permit penetrations, sleeves, ducts, pipes or other openings to pass through joists, beams, column capitals or columns, except where indicated or approved by Engineer.
 - .2 Where approved by Engineer, set sleeves, ties, pipe hangers and other inserts and openings as indicated or specified elsewhere.
 - .3 Do not eliminate or displace reinforcement to accommodate hardware. If inserts cannot be located as specified, obtain approval of modifications from Engineer before placing of concrete.
 - .4 Confirm locations and sizes of sleeves and openings shown on drawings.
- .3 Anchor bolts:
 - .1 Set anchor bolts to templates in co-ordination with appropriate trade prior to placing concrete.
- .4 Drainage holes and weep holes:
 - .1 Install weep hole tubes and drains as indicated.
- .5 Grout under base plates and machinery using procedures in accordance with manufacturer's recommendations which result in 100 % contact over grouted area.
- .6 Finishing and curing:
 - .1 Finish concrete to CSA A23.1/A23.2.
 - .2 Use procedures as reviewed by Engineer or those noted in CSA A23.1/A23.2 to remove excess bleed water. Ensure surface is not damaged.

3.3 INSTALLATION/
APPLICATION
(Cont'd)

- .6 (Cont'd)
 - .3 Use curing compounds compatible with applied finish on concrete surfaces. Provide written declaration that compounds used are compatible.
 - .4 Finish concrete floor to CSA A23.1/A23.2.
 - .5 Provide screed, swirl-trowelled or scratch finish where bonded topping, terrazzo or floor tile is to be applied. Provide depressions to accommodate bonded topping, terrazzo or floor tile.
 - .6 Provide swirl-trowelled for equipment pads.
 - .7 Pavements, walks, curbs and exposed site concrete:
 - .1 Screed to plane surfaces and use aluminum, magnesium, and wood floats.
 - .2 Provide round edges and joint spacings using standard tools.
 - .3 Trowel smooth to provide lightly brushed non-slip finish.
- .7 Waterstops:
 - .1 Install waterstops to provide continuous water seal.
 - .2 Do not distort or pierce waterstop in way as to hamper performance.
 - .3 Do not displace reinforcement when installing waterstops.
 - .4 Use equipment to manufacturer's requirements to field splice waterstops.
 - .5 Tie waterstops rigidly in place.
 - .6 Use only straight heat sealed butt joints in field.
 - .7 Use factory welded corners and intersections unless otherwise approved by Engineer.
- .8 Joint fillers:

3.3 INSTALLATION/
APPLICATION
(Cont'd)

- .8 (Cont'd)
 - .1 Furnish filler for each joint in single piece for depth and width required for joint, unless otherwise authorized by Engineer.
 - .2 When more than one piece is required for joint, fasten abutting ends and hold securely to shape by stapling or other positive fastening.
 - .3 Locate and form isolation, construction, expansion, and joints as indicated.
 - .4 Install joint filler.
 - .5 Use 12 mm thick joint filler to separate slabs-on-grade from vertical surfaces and extend joint filler from bottom of slab to within 12 mm of finished slab surface unless indicated otherwise.
- .9 Dampproof membrane:
 - .1 Install dampproof membrane under concrete slabs-on-grade inside building.
 - .2 Lap dampproof membrane minimum 150 mm at joints and seal.
 - .3 Seal punctures in dampproof membrane before placing concrete.
 - .4 Use patching material at least 150 mm larger than puncture and seal.

3.4 SURFACE TOLERANCE

- .1 Concrete tolerance to CSA A23.1.

3.5 REMOVAL OF
FORMWORK

- .1 Let concrete stand a minimum of 48 hours prior the removal of forms.
- .2 Provide necessary reshoring of members where early removal offorms may be required or where members may be subjected to additional loads during construction as required.

3.6 BACKFILL

- .1 Allow concrete to cure for seven (7) days prior to backfilling.

- | | | |
|----------------------------------|----|---|
| <u>3.6 BACKFILL
(Cont'd)</u> | .2 | Backfill to designated elevations with suitable material, compact and shape to required contours as indicated or as directed by Engineer. |
| | | |
| <u>3.7 RESTORATION</u> | .1 | Restore all disturbed sodded areas as directed by Engineer with approved topsoil and sods to match adjacent surfaces. |
| | .2 | Reinstate all asphalt, ground and gravelled areas to original profiles and condition as directed by Engineer. |
| | .3 | Seal between new curbs and asphalt sealant as indicated. |
| | | |
| <u>3.8 CLEANING</u> | .1 | Clean in accordance with Section 01 74 11 - Cleaning. |
| | .2 | Use trigger operated spray nozzles for water hoses. |
| | .3 | Designate cleaning area for tools to limit water use and runoff. |
| | .4 | Cleaning of concrete equipment to be done in accordance with Section 01 35 43 Environmental Procedures. |

PART 1 - GENERAL

1.1 RELATED SECTIONS

- .1 Section 01 11 00 General Instructions.
- .2 Section 03 30 00 Concrete Work.

1.2 REFERENCES

- .1 American Association of State Highway and Transportation Officials (AASHTO)
 - .1 AASHTO M156, Standard Specification for Requirements for Mixing Plants for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures.
 - .2 AASHTO M320, Standard Specification for Performance-Graded Asphalt Binder.
 - .3 AASHTO R29, Standard Specification for Grading or Verifying the Performance Graded of an Asphalt Binder.
 - .4 AASHTO T245, Standard Method of Test for Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus.
- .2 Asphalt Institute (AI)
 - .1 AI MS-2, Mix Design Methods.
- .3 ASTM International
 - .1 ASTM C117, Standard Test Method for Materials Finer than 0.075 mm (No. 200) Sieve in Mineral Aggregates by Washing.
 - .2 ASTM C136/C136M, Standard Method for Sieve Analysis of Fine and Coarse Aggregates.
 - .3 ASTM D140/D140M, Standard Practice for Sampling Asphalt Materials.
 - .4 ASTM D244, Standard Test Methods for Emulsified Asphalts.
 - .5 ASTM D946/D946M, Standard Specification for Penetration-Graded Asphalt Binder for Use in Pavement Construction.

1.2 REFERENCES
(Cont'd)

- .3 (Cont'd)
- .6 ASTM D3203, Standard Test Method for Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures.
- .7 ASTM D4791, Standard Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate.
- .8 ASTM D6690, Standard Specification for Joint and Crack Sealants, Hot Applied, for Concrete and Asphalt Pavements.
- .9 ASTM D6926, Standard Practice for Preparation of Bituminous Specimens Using Marshall Apparatus.
- .10 ASTM D6927, Standard Test Method for Marshall Stability and Flow of Asphalt Mixtures.
- .4 Nova Scotia Department of Transportation and Public Works
- .1 Standard Specification Highway Construction and Maintenance.

1.3 ASPHALT GENERAL

- .1 Asphalt concrete materials, mixing and method of work called for in this section must conform to the latest edition of the Nova Scotia Transportation and Public Works - Standard Specification Highway Construction and Maintenance (technical descriptions only). In case of conflict between the DND specification and the Department of Transportation specification, the DND specification will apply.

1.4 ASPHALT CONCRETE
DESCRIPTION

- .1 The asphalt concrete must be a dense graded paving material consisting essentially of a hot mix and hot laid, designed combination of dried mineral aggregate uniformly coated with asphalt, all mixed in an approved mixing plant as specified by the Province of Nova Scotia, Department of Transportation, Standard Specification Highway Construction and Maintenance, Division 4, Section 4, mixture type "C" must be used for resurfacing work and type "B" for all repair work.
- .2 The type "C" mixture must have an asphalt content of between 4.5 % and 9.5 % and the type "B" mixture must have asphalt content between 4.0 % and 9.0 %. The optimum percentage of asphalt will be determined by test and inspection, so that, when mixed with the specified physical requirements. The mix must be approved by the Engineer prior to use.

1.4 ASPHALT CONCRETE
DESCRIPTION
(Cont'd)

- .3 Physical requirements must conform to the Province of Nova Scotia Department of Transportation, Standard Specification Highway Construction and Maintenance, Division 4, Section 4, Table 4.4.1.

1.5 COLD MIX FOR WINTER
PATCHING

- .1 Cold Mix Asphalt:
- .1 Must be a plant mixed material composed of crushed aggregate and modified asphalt binders manufactured (dried and mixed through a hot mix plant) and delivered, placed and compacted at the work site as directed by the Engineer.
- .2 Physical Requirements:
- .1 Must conform to the Province of Nova Scotia Department of Transportation, Standard Specification Highway Construction and Maintenance, Division 4, Section 15, paragraphs 4.0 to 4.3.
- .3 Construction Methods:
- .1 Must conform to the Province of Nova Scotia Department of Transportation, Standard Specification Highway Construction and Maintenance, Division 4, Section 15, paragraphs 5.0 to 5.2.

1.6 MIXING PLANT

- .1 The mixing plant must conform to AASHTO M156, Standard Specification for Requirements for Mixing Plants for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures.

1.7 PREPARATION OF
ASPHALT CEMENTS

- .1 The asphalt cement must be brought to a temperature within the limits before mixing with the aggregates in accordance with AASHTO M156 and the Province of Nova Scotia Department of Transportation, Standard Specification Highway Construction and Maintenance, latest edition.

1.8 CRACK FILLING
PREPARATION

- .1 Clean cracks designated by the Engineer.
- .2 Remove existing sealer and loose materials:
- .1 from spalled edges and pavement surface;
- .2 to minimum depth of 50 mm.

1.8 CRACK FILLING
PREPARATION
(Cont'd)

- .3 Rout designated cracks to width of 12 mm using rotary routers approved by Engineer.
- .4 Rout designated cracks to depth between 20 mm and 32 mm.
- .5 Clean loose material from cracks in accordance with the Province of Nova Scotia Department of Transportation, Standard Specification Highway Construction and Maintenance, Division 4, Section 11 or by other approved methods acceptable to the Engineer.
- .6 Dispose of material removed from cracks off DND property.

1.9 CRACK FILLING

- .1 Prepared cracks and type of sealants to be used must be approved by the Engineer prior to filling.
- .2 Ensure cracks are clean and dry immediately before filling.
- .3 Fill cracks designated and approved by Engineer.
- .4 Do not use frozen aggregate.
- .5 Fill cracks when air temperature is above 10°C, when daily low temperature does not fall below 5°C, and when no rain is forecast.
- .6 Fill and tamp cracks with sufficient applications to ensure cured fill material is level with pavement surface.
- .7 Cracks wider than 50 mm may be filled with hot mix asphalt concrete and tamped, immediately prior to placement of asphalt concrete overlay, where approved by Engineer.
- .8 Remove and dispose of excess filling material as directed by the Engineer.

1.10 CRACK FILLING
SEALING COMPOUND
APPLICATION

- .1 The sealing compound must be applied by a mechanical, pressure-type applicator equipped with a satisfactory means of keeping the sealant heated, positive temperature control, an effective mechanically-operated agitator, and a suitable show at the point of discharge to strike off the sealing material so as to obtain a completely filled joint or crack, neat in appearance and without an excess of sealant.
- .2 The joint or crack must be dry, clean and freed from dust before the sealing compound is applied.

1.10 CRACK FILLING
SEALING COMPOUND
APPLICATION
(Cont'd)

- .3 The joints or cracks must be filled in a neat workmanship like manner so that upon completion of the work the surface of the sealing material will not be above nor more than 3 mm below the adjacent pavement surface.
- .4 When the sealant shrinks or settles into the joint or cracks after the initial pouring a second application must be applied to bring the material up to the specified level.
- .5 The overfilling of joints or cracks and the spillage of sealant on exposed pavement surfaces must be immediately corrected by the Contractor at his own expense.

PART 2 - PRODUCTS

2.1 MATERIALS

- .1 Tack Coat:
 - .1 Emulsified asphalt to ASTM D244, grade RS-1 or cutback asphalt RC-70.
- .2 Primer:
 - .1 As per Nova Scotia Department of Transportation, Standard Specification Highway Construction and Maintenance and to ASTM D244, grade RC-70.
- .3 Sand Blotter:
 - .1 Clean granular material passing 4.75 mm sieve and free from organic matter or other deleterious materials.
- .4 Granular Base Coarse:
 - .1 Granular base coarse to be gravel type 1 as specified by the Province of Nova Scotia Department of Transportation, Standard Specification Highway Construction and Maintenance, Division 3.
- .5 Aggregates:

2.1 MATERIALS
(Cont'd)

- .5 (Cont'd)
 - .1 Coarse aggregates, fine aggregates and mineral filler must conform to the requirements specified by the Province of Nova Scotia Department of Transportation, Standard Specification Highway Construction and Maintenance, Division 4, Section 4, Table 4.4.2. and 4.4.4. Composition of Asphalt Concrete Paving Mixtures, mixture type "B" or "C" as specified and must conform to the grading listed in the same Table for the Mixture.
 - .2 Fine aggregate must not contain organic matter in excess of limitations as permitted in accordance with ASTM D4791.
- .6 Asphalt Cement:
 - .1 Penetration grade 120 - 150 for roads and grade 85 - 100 for parking areas.
- .7 Rubberized Sealing Compound:
 - .1 To ASTM D6690.
- .8 Asphalt Mix for Cracks:
 - .1 Liquid Asphalt:
 - .1 grade MC-70 and / or RS-1.
 - .2 Sand:
 - .1 to ASTM C117 and ASTM C136/C136M.
 - .3 Mix to the approval of the Engineer or on site Engineer.

2.2 EQUIPMENT

- .1 Pavers:
 - .1 Mechanical grade controlled self-powered pavers capable of spreading mix within specified tolerances, true to line, grade and crown indicated.
- .2 Rollers:
 - .1 Sufficient number of type and weight to obtain specified density of compacted mix in accordance with the Province of Nova Scotia Department of Transportation, Standard Specification Highway Construction and Maintenance, Division 4, Section 4 paragraph 5.4.1.2.

2.2 EQUIPMENT
(Cont'd)

- .3 Vibratory rollers:
 - .1 Drum diameter:
 - .1 1200 mm minimum.
 - .2 Amplitude of vibration (machine setting):
 - .1 0.5 mm maximum for lifts less than 40 mm thick.
- .4 Haul trucks:
 - .1 Sufficient number and of adequate size, speed and condition to ensure orderly and continuous operation and as follows:
 - .1 boxes with tight metal bottoms;
 - .2 covers of sufficient size and weight to completely cover and protect asphalt mix when truck fully loaded;
 - .3 in cool weather or for long hauls, insulate entire contact area of each truck box; and
 - .4 use only trucks which can be weighed in single operation on scales supplied.
- .5 Hand tools:
 - .1 Lutes or rakes with covered teeth for spreading and finishing operations.
 - .2 Tamping irons having mass 12 kg minimum and bearing area not exceeding 310 cm² for compacting material along curbs, gutters and other structures inaccessible to roller. Mechanical compaction equipment, when approved by Engineer, may be used instead of tamping irons.
 - .3 Straight edges, 4.5 m in length, to test finished surface.

PART 3 - EXECUTION

- 3.1 PREPARATION .1 Reshape granular roadbed and asphalt pavement as required.

3.1 PREPARATION
(Cont'd)

- .2 When paving over existing asphalt surface, clean pavement surface.
 - .1 When levelling course is not required, patch and correct depressions and other irregularities to approval of Engineer before beginning paving operations.
- .3 Apply prime coat and tack coat in accordance with the Province of Nova Scotia Department of Transportation, Standard Specification Highway Construction and Maintenance, Division 4 prior to paving.
- .4 Prior to laying mix, clean surfaces of loose and foreign material.
- .5 Tack Coat:
 - .1 Where resurfacing areas start and stop and where existing pavement is badly worn, a tack coat of RC-70 asphalt must be applied at the rate of 0.14 L/m² at a liquid temperature between 40°C and 80°C.
 - .2 The tack coat must not be applied to a wet surface or when the air temperature is less than 10°C in the shade, without written approval from the Engineer.
- .6 Prime Coat:
 - .1 Apply asphalt prime to granular base at rate not less than 1.00 L/m² nor more than 2.75 L/m².
 - .2 Apply on dry surface unless otherwise directed.
 - .3 Paint contact surfaces of curbs, gutters, headers, manholes and like structures with a thin, uniform coat of asphalt prime material.
 - .4 Do not apply prime when air temperature is less than 10°C or when rain is forecast within 2 hours.
 - .5 Allow primer to penetrate for such time as Engineer directs. If asphalt primer fails to penetrate within time directed (usually 2 hours) spread sand blotter material in amounts required to absorb excess material. Sweep and remove excess blotter material.
 - .6 Prevent overlap at junction of spreads.
 - .7 Do not prime surfaces that will be visible when paving is complete.

3.1 PREPARATION

(Cont'd)

- .6 (Cont'd)
 - .8 Correct areas not sufficiently covered.
 - .9 Keep traffic off primed areas until asphalt prime has cured.
 - .10 Permit prime to cure before placing asphalt paving mixture.

3.2 TRANSPORTATION OF
MIX

- .1 Transport mix to job site in vehicles cleaned of foreign material. Vehicles must be covered with tarpaulins in accordance with Province the Province of Nova Scotia Department of Transportation, Standard Specification Highway Construction and Maintenance, Division 4, Section 4 paragraph 5.2.
- .2 Paint or spray truck beds with limewater, soap or detergent solution, or non petroleum based commercial product, at least daily or as required.
 - .1 Raise truck bed and thoroughly drain, and ensure no excess solution remains in truck bed.
- .3 Schedule delivery of material for placing in daylight, unless Engineer approves artificial light for night placing.
- .4 Deposit mix from surge or storage silo to trucks in multiple drops to reduce segregation.
 - .1 Do not dribble mix into trucks.
- .5 Deliver material to paver at uniform rate and in an amount within capacity of paving and compacting equipment.
- .6 Deliver loads continuously in covered vehicles and immediately spread and compact.
 - .1 Deliver and place mixes at temperature within range as directed by Engineer, but not less than 135 degrees C.

3.3 HOLES AND BROKEN
PAVEMENT

- .1 The area to be excavated and rebuilt must be determined by the Engineer.
- .2 All loose material over the indicated area must be removed, including unstable sub-base material, where requested by the Engineer.

3.3 HOLES AND BROKEN
PAVEMENT
(Cont'd)

- .3 The excavated areas, where required, must be backfilled with granular base course thoroughly compacted to the satisfaction of the Engineer.
- .4 The asphalt patch must be rebuilt with hot mix asphalt concrete as specified to at least the same thickness of the existing pavement. The edges of the excavated areas must be cut straight and square and primed with liquid asphalt before laying the asphalt concrete.
- .5 Compaction as required in accordance with paragraph 3.6 of this Section.

3.4 RESURFACING

- .1 All repairs must be approved by the Engineer before resurfacing.

3.5 PLACING

- .1 Obtain Engineer's approval of base, existing surface, tack coat and prime coat prior to placing asphalt.
- .2 Place asphalt concrete to thicknesses, grades and lines as directed by Engineer.
- .3 Placing conditions:
 - .1 Place asphalt mixtures only when air temperature is 5 degrees C minimum.
 - .2 When temperature of surface on which material is to be placed falls below 10 degrees C, provide extra rollers as necessary to obtain required compaction before cooling.
 - .3 Do not place hot-mix asphalt when pools of standing water exist on surface to be paved, during rain, or when surface is damp.
 - .4 Minimum 135 degrees C mix temperature required when spreading.
 - .5 Maximum 160 degrees C mix temperature permitted at any time.
- .4 Where possible do tapering and levelling where required in lower lifts. Overlap joints by not less than 300 mm.
- .5 On airport runways and taxiways, aprons and parking lots commence spreading at high side of pavement or at crown and span crowned centerlines with initial strip.

3.5 PLACING
(Cont'd)

- .6 Spread and strike off mixture with self propelled mechanical finisher.
 - .1 Construct longitudinal joints and edges true to line markings.
 - .1 Engineer to establish lines for paver to follow parallel to centerline of proposed pavement. Position and operate paver to follow established line closely.
 - .2 When using pavers in echelon, have first paver follow marks or lines, and second paver follow edge of material placed by first paver.
 - .1 Work pavers as close together as possible and in no case permit them to be more than 30 m apart.
 - .3 Maintain constant head of mix in auger chamber of paver during placing.
 - .4 If segregation occurs, immediately suspend spreading operation until cause is determined and corrected.
 - .5 Correct irregularities in alignment left by paver by trimming directly behind machine.
 - .6 Correct irregularities in surface of pavement course directly behind paver.
 - .1 Remove excess material forming high spots using shovel or lute.
 - .1 Fill and smooth indented areas with hot mix.
 - .2 Do not broadcast material over such areas.
 - .7 Do not throw surplus material on freshly screeded surfaces.
- .7 When hand spreading is used:
 - .1 Use approved wood or steel forms, rigidly supported to assure correct grade and cross section.
 - .1 Use measuring blocks and intermediate strips to aid in obtaining required cross-section.

3.5 PLACING
(Cont'd)

- .7 (Cont'd)
 - .1 (Cont'd)
 - .2 Distribute material uniformly without broad casting material.
 - .3 During spreading operation, thoroughly loosen and uniformly distribute material by lutes or covered rakes.
 - .1 Reject material that has formed into lumps and does not break down readily.
 - .4 After placing and before rolling, check surface with templates and straight edges and correct irregularities.
 - .5 The rakers will not be permitted to stand in the hot mixture while raking it, except where necessary to correct errors in the first raking. Raking must be carefully and skillfully done in such a manner that after the first passage of the roller over the raked mixture, a minimum amount of back patching will be required.
 - .6 Provide heating equipment to keep hand tools free from asphalt.
 - .1 Control temperature to avoid burning material.
 - .2 Do not use tools at higher temperature than temperature of mix being placed.

3.6 COMPACTING

- .1 Compaction of asphalt concrete must be by approved rollers, and in areas not accessible by rollers by approved and suitable tampers.
- .2 Do not change rolling pattern unless mix changes or lift thickness changes.
 - .1 Change rolling pattern only as directed by Engineer.
- .3 Roll asphalt continuously to density not less than 98% of blow Marshall density to AASHTO T245.
- .4 General:
 - .1 Provide at least 2 rollers and as many additional rollers as necessary to achieve specified pavement density. When more than 2 rollers are required, 1 roller must be pneumatic tired type.

3.6 COMPACTING
(Cont'd)

- .4 (Cont'd)
- .2 Start rolling operations as soon as placed mix can bear weight of roller without excess displacement of material or cracking of surface.
 - .3 Operate roller slowly initially to avoid displacement of material. Do not exceed 5 km/h for breakdown and intermediate rolling for static steel-wheeled and pneumatic tired rollers. Do not exceed 9 km/h for finish rolling.
 - .4 Use static compaction for levelling coarse less than 25 mm thick.
 - .5 For lifts 50 mm thick and greater, adjust speed and vibration frequency of vibratory rollers to produce minimum of 25 impacts per metre of travel. For lifts less than 50 mm thick, impact spacing not to exceed compacted lift thickness.
 - .6 Overlap successive passes of roller by minimum of 200 mm and vary pass lengths.
 - .7 Keep wheels of roller slightly moistened with water to prevent pick-up of material but do not over-water.
 - .8 Do not stop vibratory rollers on pavement that is being compacted with vibratory mechanism operating.
 - .9 Do not permit heavy equipment or rollers to stand on finished surface before it has been compacted and thoroughly cooled.
 - .10 After traverse and longitudinal joints and outside edge have been compacted, start rolling longitudinally at low side and progress to high side.
 - .1 Ensure that all points across width of pavement receive essentially equal numbers of passes of compactors.
 - .11 When paving in echelon, leave unrolled 50 to 75 mm of edge which second paver is following and roll when joint between lanes is rolled.
 - .12 Where rolling causes displacement of material, loosen affected areas at once with lutes or shovels and restore to original grade of loose material before re-rolling.

3.6 COMPACTING
(Cont'd)

- .5 Breakdown rolling:
 - .1 Begin breakdown rolling with static steel wheeled roller or vibratory roller immediately following rolling of transverse and longitudinal joint and edges.
 - .2 Operate rollers as close to paver as necessary to obtain adequate density without causing undue displacement.
 - .3 Operate breakdown roller with drive roll or wheel nearest finishing machine. When working on steep slopes or super-elevated sections use operation approved by Engineer.
 - .4 Use only experienced roller operators.
- .6 Intermediate rolling:
 - .1 Use pneumatic-tired, steel wheel or vibratory rollers and follow breakdown rolling as closely as possible and while paving mix temperature allows maximum density from this operation.
 - .2 Rolling to be continuous after initial rolling until mix placed has been thoroughly compacted.
- .7 Finish rolling:
 - .1 Accomplish finish rolling with two-axle or three-axle tandem steel wheeled rollers while material is still warm enough for removal of roller marks.
 - .1 If necessary to obtain desired surface finish, use pneumatic-tired rollers as directed by Engineer.
 - .2 Conduct rolling operations in close sequence.

3.7 JOINTS

- .1 General:
 - .1 Remove surplus material from surface of previously laid strip.
 - .1 Do not deposit on surface of freshly laid strip.
 - .2 Construct joints between asphalt concrete pavement and Portland cement concrete pavement as indicated.

3.7 JOINTS
(Cont'd)

- .1 (Cont'd)
 - .3 Paint contact surfaces of existing structures such as manholes, curbs or gutters with bituminous material prior to placing adjacent pavement.
- .2 Transverse joints:
 - .1 Offset transverse joint in succeeding lifts by at least 600 mm.
 - .2 Cut back to full depth vertical face and tack face with thin coat of hot asphalt prior to continuing paving.
 - .3 Compact transverse joints to provide smooth riding surface. Use methods to prevent rounding of compacted surface at joints.
- .3 Longitudinal joints:
 - .1 Offset longitudinal joints in succeeding lifts by at least 150 mm.
 - .2 Cold joint is defined as joint where asphalt mix is placed, compacted and left to cool below 100 degrees C prior to paving of adjacent lane.
 - .1 For airfield runway paving, avoid cold joint construction in mid 30 m of runway.
 - .2 If cold joint can not be avoided, cut back by saw cutting previously laid lane, by at least 150 mm, to full depth vertical face, and tack face with thin coat of hot asphalt of adjacent lane.
 - .3 Overlap previously laid strip with spreader by 25 to 50 mm.
 - .4 Before rolling, carefully remove and discard coarse aggregate in material overlapping joint with lute or rake.
 - .5 Roll longitudinal joints directly behind paving operation.
 - .6 When rolling with static or vibratory rollers, have most of drum width ride on newly placed lane with remaining 150 mm extending onto previously placed and compacted lane.

3.7 JOINTS
(Cont'd)

- .4 Construct feather joints so that thinner portion of joint contains fine graded material obtained by changed mix design or by raking out coarse aggregate in mix.
 - .1 Place and compact joint to ensure joint is smooth and without visible breaks in grade.
 - .2 Locate feather joints as indicated.
- .5 Construct butt joints as indicated.

3.8 FEATHERING OUT

- .1 Where the overlay meets existing pavement, the joint must be feathered out over a distance of not less than 1.5 m.
- .2 Workers with hand shovels must remove fresh asphalt material from delivery trucks and must spread a thin layer of this material over the area. Other workers must then carefully remove all particles coarser than 10 mm using fine hand rakes and must spread the remaining loose material evenly over the surface to a loose depth of 3 mm.
- .3 The asphalt must then be rolled as specified to provide a tight water repellent surface, minimum thickness 25 mm of all points, except at tapers.
- .4 Where directed by the Engineer, the asphalt overlay must be placed directly over the existing gutters, feathered from the specified thickness to a depth sufficient to maintain grade and permit adequate drainage.
- .5 Compaction of asphalt must be in accordance with paragraph 3.6 of this section.

3.9 HIGH SPOTS

- .1 Humps and high spots on existing pavement must be cut out where directed by the Engineer. If high spots are caused by a rock close to the surface, the rock must be removed to a depth of 30 cm (12") below the finished grade and the hole filled with gravel and compacted to 95% Proctor density.
- .2 Asphalt resurfacing and compaction must be in accordance with this section.

- 3.10 DEPRESSIONS
- .1 Where indicated by the Engineer, depressions in the pavement must be brought to the correct grade by the application of hot mix asphaltic concrete. This material must be applied directly to the existing pavement without cutting out, provided that the areas to be so treated are thoroughly cleaned and painted or sprayed with an asphalt tack coat.
 - .2 These areas are to be compacted in accordance with paragraph 3.6 of this section.
- 3.11 FINISH TOLERANCES
- .1 Finished asphalt surface to be within 5 mm of design elevation but not uniformly high or low.
 - .2 Finished asphalt surface not to have irregularities exceeding 5 mm when checked with 4.5 m straight edge placed in any direction.
- 3.12 PROTECTION
- .1 During the spraying process, the Contractor must cover concrete sidewalks, curbs, walks, grass, walls, and all items that would be spoiled should asphalt be sprayed on them.
 - .2 All items so spoiled must be made good by the Contractor at no additional cost to the Engineer.
- 3.13 DEFECTIVE WORK
- .1 Correct irregularities which develop before completion of rolling by loosening surface mix and removing or adding material as required.
 - .1 If irregularities or defects remain after final compaction, remove surface course promptly and lay new material to form true and even surface and compact immediately to specified density.
 - .2 Repair areas showing checking, rippling, or segregation.
 - .3 Adjust roller operation and screed settings on paver to prevent further defects such as rippling and checking of pavement.
- 3.14 CLEANING OF PAVEMENT
- .1 After completion of repairs, adjustment of appurtenances and immediately prior to application of the tack coat, the surface of the pavement must be cleaned using mechanical sweepers of an approved type or by hand brooming as directed by the Engineer. All mud, dust or other foreign matter must be swept, gathered into piles and removed from the area.

ANNEX / ANNEXE "C"



Government
of Canada

Gouvernement
du Canada

DEC 15 2016

Contract Number / Numéro du contrat

W6837-18-5216

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 Real Property Operations Section(Hfx)
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 Standing Offer comprises the furnishing of all labour, materials, tools, equipment, transportation and supervision required to carry out repairs and install of new asphalt and concrete surfaces including granular bases preparation for the various locations of CFB Halifax - as per attached Spec W6837-18-5216 dated 2016-10-28..	
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? (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"/>
7. b) Release restrictions / Restrictions relatives à la diffusion	
No release restrictions Aucune restriction relative à la diffusion	All NATO countries Tous les pays de l'OTAN
Not releasable À ne pas diffuser	
Restricted to: / Limité à: Specify country(ies): / Préciser le(s) pays:	Restricted to: / Limité à: Specify country(ies): / Préciser le(s) pays:
7. c) Level of information / Niveau d'information	
PROTECTED A PROTÉGÉ A	NATO UNCLASSIFIED NATO NON CLASSIFIÉ
PROTECTED B PROTÉGÉ B	NATO RESTRICTED NATO DIFFUSION RESTREINTE
PROTECTED C PROTÉGÉ C	NATO CONFIDENTIAL NATO CONFIDENTIEL
CONFIDENTIAL CONFIDENTIEL	NATO SECRET NATO SECRET
SECRET SECRET	COSMIC TOP SECRET COSMIC TRÈS SECRET
TOP SECRET TRÈS SECRET	
TOP SECRET (SIGINT) TRÈS SECRET (SIGINT)	
	PROTECTED A PROTÉGÉ A
	PROTECTED B PROTÉGÉ B
	PROTECTED C PROTÉGÉ C
	CONFIDENTIAL CONFIDENTIEL
	SECRET SECRET
	TOP SECRET TRÈS SECRET
	TOP SECRET (SIGINT) TRÈS SECRET (SIGINT)



Government of Canada
Gouvernement du Canada

Contract Number / Numéro du contrat

W6837-18-5216

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 ☐ Yes
Non 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 ☐ Yes
Non 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 | <input type="checkbox"/> COSMIC TOP SECRET
COSMIC TRÈS SECRET |
| <input type="checkbox"/> SITE ACCESS
ACCÈS AUX EMPLACEMENTS | | | |

Special comments:

Commentaires spéciaux : CEAL provided for access control to DND site. Occasional ACE (Access Control Escort)

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 ☐ Yes
Non Oui
If Yes, will unscreened personnel be escorted?
Dans l'affirmative, le personnel en question sera-t-il escorté? ☐ No ☐ Yes
Non 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 ☐ Yes
Non 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 ☐ Yes
Non 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 ☐ Yes
Non Oui

INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF A 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 ☐ Yes
Non 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 ☐ Yes
Non Oui



Government
of Canada

Gouvernement
du Canada

Contract Number / Numéro du contrat
W6837-18-5216

Security Classification / Classification de sécurité
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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	SECRET	TOP SECRET	NATO RESTRICTED	NATO CONFIDENTIAL	NATO SECRET	COSMIC TOP SECRET	PROTECTED PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET
				CONFIDENTIEL		TRÈS SECRET	NATO DIFFUSION RESTREINTE	NATO CONFIDENTIEL			COSMIC TRÈS SECRET	A	B	C	CONFIDENTIEL	
Information / Assets Renseignements / Biens	<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"/>
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).