

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**
Public Works and Government Services Canada
Telus Plaza North/Plaza Telus Nord
10025 Jasper Ave./10025 ave. Jaspe
5th floor/5e étage
Edmonton
Alberta
T5J 1S6
Bid Fax: (780) 497-3510

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

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

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

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

Comments - Commentaires

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

Issuing Office - Bureau de distribution
Public Works and Government Services Canada
Telus Plaza North/Plaza Telus Nord
10025 Jasper Ave./10025 ave Jasper
5th floor/5e étage
Edmonton
Alberta
T5J 1S6

Title - Sujet Concrete Services	
Solicitation No. - N° de l'invitation W0127-12LP10/A	Date 2012-09-10
Client Reference No. - N° de référence du client DND	GETS Ref. No. - N° de réf. de SEAG PW-\$PWU-011-9532
File No. - N° de dossier PWU-2-35195 (011)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-09-27	
Time Zone Fuseau horaire Mountain Daylight Saving Time MDT	
Delivery Required - Livraison exigée See Herein	
Address Enquiries to: - Adresser toutes questions à: Hugo (RPC), Tammey	Buyer Id - Id de l'acheteur pwu011
Telephone No. - N° de téléphone (780)497-3917 ()	FAX No. - N° de FAX (780)497-3510
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE ENGINEER SERVICES COMPANY EDMONTON GARRISON PO BOX 10500, STATION FORCES EDMONTON ALBERTA T5J4J5 CANADA	
Security - Sécurité This request for a Standing Offer does not include provisions for security. Cette Demande d'offre à commandes ne comprend pas des dispositions en matière de sécurité.	

Instructions: See Herein

Instructions: Voir aux présentes

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

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General Conditions:

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(ii) GC2 Administration of the Contract	R2820D (2012-07-16);
(iii) GC3 Execution and Control of the Work	R2830D (2010-01-11);
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(v) GC5 Terms of Payment	R2550D (2010-01-11);
(vi) GC6 Delays and Changes in the Work	R2865D (2008-05-12);
(vii) GC7 Default, Suspension or Termination of Contract	R2870D (2008-05-12);
(viii) GC8 Dispute Resolution	R2884D (2008-05-12);
(ix) GC9 Insurance	R2590D (2011-05-16);
Supplementary Conditions, if any;	
Fair Wages and Hours of Labour - Labour Conditions	R2940D (2012-07-16);
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ANNEXES

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IMPORTANT NOTICE TO OFFERORS

Pursuant to section 01 of Standard Instructions 2006, a Consent to a Criminal Record Verification form, must be submitted with the offer, for each individual who is currently on the Offeror's Board of Directors.

PART 1 - GENERAL INFORMATION

1. Introduction

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

Part 1, General Information: provides a general description of the requirement;

Part 2, Offeror Instructions: provides the instructions applicable to the clauses and conditions of the RFSO;

Part 3, Offer Preparation Instructions: provides offerors with instructions on how to prepare their offer to address the evaluation criteria specified;

Part 4, Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the offer, if applicable, and the basis of selection;

Part 5, Certifications: includes the certifications to be provided;

Part 6, Security, Financial and Insurance Requirements: includes specific requirements that must be addressed by offerors; and

Part 7: 7A, Standing Offer, and 7B, Resulting Contract Clauses:

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

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

The Annexes include the Statement of Work the Basis of Payment, Health & Safety, Usage Reports, Offer, Code of Conduct for Procurement, Consent to Criminal Records Verification and any other annexes.

2. Summary

Concrete Repairs Standing Offer, Department of National Defence, Edmonton Garrison, Edmonton, AB.

Work under this standing offer includes the provision of skilled licensed labour, tools, equipment, supervision and material as requested by Department of National Defence, Edmonton Garrison, in the form of call ups for the laying of asphalt and asphalt repairs at various locations at CFB Suffield, Ralston, Alberta. Services to carry out repairs to concrete curbs, sidewalks, minor concrete construction and ground maintenance be provided on an "as required" basis. It is anticipated that only 1 firm will be issued a standing offer. The standing offer will be issued for a term of three (3) years. The total expenditures over the term is estimated at \$1,890,000.00 (GST/HST included). This procurement contains MANDATORY requirements. See Part 4 and 5 of the RFSO for details.

"IMPORTANT NOTICE: New measures related to Code of Conduct and certifications included in the solicitation documents requires attention."

"The requirement is subject to the provisions of the Agreement on Internal Trade (AIT)."

3. Health & Safety Requirements

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There are Health & Safety requirements associated with this requirement. See Annex C

4. Debriefing

After issuance of a standing offer, offerors may request a debriefing on the results of the request for standing offers. Offerors should make the request to the Standing Offer Authority within 15 working days of receipt of notification that their offer was unsuccessful. The debriefing may be provided in writing, by telephone or in person. The debriefing will include an outline of the reasons the submission was not successful, making reference to the evaluation criteria. The confidentiality of information relating to other submissions will be protected.

PART 2 - STANDING OFFER - INSTRUCTIONS TO OFFERORS

1. Standard Instructions and Conditions

All instructions, clauses and conditions identified in the Request for Standing Offers RFSO by title, number and date are set out in the Standard Acquisition Clauses and Conditions Manual issued by Public Works and Government Services Canada (PWGSC). The Manual is available on the PWGSC Web site: <http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>

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

The 2006 (2012-07-11) 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 sixty (60) days and **INSERT** ninety (90) days

2. Submission of Offers

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

2.1 Revision of Offer:

An offer submitted in accordance with these instructions may be revised by letter or facsimile, provided that the revision is received at the office designated for the receipt of offers (Bidding address) on or before the date and time set for the closing of the RFSO. The facsimile shall be on the offeror's letterhead or bear a signature that identifies the offeror.

A revision to the unit price schedule must clearly identify the change(s) in the unit price(s) and the specific item(s) to which each change applies.

A letter or facsimile submitted to confirm an earlier revision shall be clearly identified as a confirmation.

Failure to comply with any of the above provisions shall result in the rejection of the non-compliant revision(s) only. The bid shall be evaluated based on the original offer submitted and all other compliant revision(s).

Facsimile number for receipt of revisions: **(780) 497-3510**

2.2 Firm Price and/or Rates:

The Offeror is required to submit firm prices, rates or both that will apply for the entire period of the Standing Offer.

2.3 Form: Offers not submitted on the prescribed Offer Form will not be considered.

2.4 Alterations: Any alteration to the pre-printed or pre-typed sections of the Offer Form, or any condition or qualification placed upon the offer may be cause for disqualification of the offer. Alterations, corrections, changes or erasures made to statements or figures entered on the Offer Form by the offeror shall be initialed by the person or persons signing the offer. Initials shall be original(s). Alterations, corrections, changes or erasures that are not initialed shall be deemed void and without effect.

2.5 Incomplete Offers: Incomplete offers may be rejected.

2.6 Taxes

The offeror is responsible for all applicable taxes.

Offerors are not to include any amounts for the Goods and Services Tax (GST) or Harmonized Sales Tax (HST), whichever is applicable. Any amount levied in respect of the GST/HST shall be billed as a separate item on invoices submitted by the contractor, and shall be paid in addition to the amount approved by Canada for work performed under any resulting Contract. The Contractor shall be required to remit the appropriate amount to the Canada Revenue Agency in accordance with the applicable legislation.

The Federal Government is exempt from the Quebec Sales Tax (QST). Offerors shall not include in their prices any amount that is intended to cover the QST on goods and services performed in the execution of the Work except for such amounts for which an Input Tax Refund is not available. The successful Offeror should make arrangements directly with the Province of Quebec to recover any QST paid by it in performing the Work under the resulting Contract.

2.7 Performance Evaluation

Offerors shall take note that the performance of the Contractor during and upon completion of the work shall be evaluated by Canada. The evaluation shall be based on the quality of workmanship; timeliness of completion of the work; project management, contract management and management of health and safety. Should the Contractor's performance be considered unsatisfactory, the Contractor's bidding privileges on future work may be suspended indefinitely.

An electronic version of the form PWGSC-TPSGC 2913, SELECT - Contractor Performance Evaluation Report Form, used to record the performance is available on the Public Works and Government Services Canada (PWGSC) Web site.

3. Enquiries - Request for Standing Offers

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

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

4. Applicable Laws

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

PART 3 - OFFER PREPARATION INSTRUCTIONS

1. General

- 1.1 Insert the hourly rate or unit price against each class of labour, plant, or item of specified material listed on the Unit Price Schedule of the Offer form. Insert the percentage mark-up for Unspecified Material, if any; mathematical extensions against all items including the Contractor's Mark-up on Unspecified Material if applicable, and Total Estimated Amount, GST/HST extra.
- 1.2 Submit the Offer, duly completed, to the office designated on page 1 of the RFSO in accordance with the Standard Instructions.
- 1.3 Sign and date the Offer in accordance with the RFSO.

2. Offer Preparation Instructions

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

Section I: Annex E - Financial Offer (1 hard copy)

Section II: Certifications (1 hard copies)

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>).

To assist Canada in reaching its objectives, offerors are encouraged to:

- 1) use paper containing fibre certified as originating from a sustainably-managed forest and/or 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.

Financial Offer

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

Payment by Credit Card *(complete Appendix 1 to the Offer)*

Canada requests that offerors complete one of the following:

- (a) () Government of Canada Acquisition Cards (credit cards) will be accepted for payment of call-ups against the standing offer.

The following credit card(s) are accepted:

VISA _____

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Master Card _____

(b) () Government of Canada Acquisition Cards (credit cards) will not be accepted for payment of call-ups against the standing offer.

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

Acceptance of credit cards for payment of call-ups will not be considered as an evaluation criterion.

Certifications

Offerors must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

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.
- (c) Offers shall be evaluated on the basis of the lowest compliant offer being recommended for issuance of a Standing Offer.

1.1 Technical Evaluation

1.1.1 Mandatory Technical Criteria

A) MANDATORY REQUIREMENTS - Required as part of the Offer

- i) Pursuant to the General Instructions, submission of Request for Standing Offer (RFSO), offers must be submitted to the office designated for the receipt of offers, and must be received on or before the date and time set for solicitation closing shown on page 1 of the RFSO. A rate must be entered for each item listed in the unit price schedule of the offer.
- ii) Code of Conduct Certifications - Consent to a Criminal Record Verification (see Part 5 - Certifications).

B) MANDATORY REQUIREMENTS - Precedent to issuance of a Standing Offer

- i) Status and Availability of Resources
- ii) Health & Safety Requirements - per attached Annex C
- iii) Insurance. -upon request as contained in Part 6
- iv) Proof of Financial Capability - upon request - as per part 6

1.2. Financial Evaluation

- 1.2.1 Price Schedule - A rate must be entered for each item.
- 1.2.2 Offers retained pursuant to Part 4, will be evaluated on the basis of the total estimated amount quoted, GST/HST extra. It is anticipated that one standing offer will be issued to the lowest compliant offeror

2. Basis of Selection

2.1 Basis of Selection - Lowest Evaluated Price

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 will be recommended for issuance of a standing offer.

3. Ranking

3.1 Only 1 firm will be issued a standing offer.

PART 5 - CERTIFICATIONS

1. Certifications Required with the Offer

Offerors must provide the required certifications to be issued a standing offer. Canada will declare an offer non-responsive if the required certifications are not completed and submitted as requested.

Compliance with the certifications offerors provide to Canada is subject to verification by Canada during the offer evaluation period (before issuance of a standing offer) and after issuance of a standing offer. The Standing Offer Authority will have the right to ask for additional information to verify offerors' compliance with the certifications before issuance of a standing offer. The offer will be declared non-responsive if any certification made by the Offeror is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications or to comply with the request of the Standing Offer Authority for additional information will also render the offer non-responsive.

1.1 Code of Conduct Certifications - Offer

- .1 Pursuant to section 01 of the Standard Instructions 2006, offerors must submit the following as part of their offer.
 - a) a complete list of names of all individuals who are currently directors of the Offeror; and
 - b) a properly completed and signed Consent to a Criminal Record Verification form (PWGSC-TPSGC 229), for each individual named in the aforementioned list . (see samples at Annex F)

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/229.pdf>

The above should be completed and submitted with the offer by the standing offer closing date. If the above is not completed and submitted with the offer by the Standing Offer closing date, 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.

2.2 Health & Safety Requirements - per attached Annex C .

2.3 Insurance, per article 3 of Part 6. (R2590D GC9 - Insurance)

2.4 Proof of Financial Capability - upon request, per article 2 of Part 6.

PART 6 - FINANCIAL AND INSURANCE REQUIREMENTS

1. Financial Capability

Financial Statements: In order to confirm a bidder's financial capability to perform the Contract, the Contracting Authority may during the bid evaluation phase, request from that bidder current financial information. The requested financial information may include, but is not limited to, a bidder's most recent audited financial statements or financial statements certified by a bidder's chief financial officer. The information provided will be considered in the bid evaluation and selection process. If a bid is found to be non-responsive on the basis that a bidder is considered financially incapable of performing the Contract, that bidder will receive a written notification from the Contracting Authority.

Should a bidder provide the requested information to Canada in confidence while indicating that the disclosed information is confidential, Canada will treat the information in a confidential manner in accordance with the Access to Information Act, R.S. 1985, c.A-1.

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 SACC Manual clause R2590D GC9 - Insurance (2011-05-16)

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.

Certificate of Insurance form - PWGSC-TPSGC 357 (06/2007) is available at web site: <http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/357.pdf>

PART 7 - CLAUSES & CONDITIONS

PART 7(A) - STANDING OFFER

1. Offer - attached at ANNEX E

- .1 General Provisions
- .2 Financial Terms
- .3 Prices
 - Appendix 1
 - Credit Card Payments

2. Standard Clauses and Conditions

- 1) .1 General Conditions - Standing Offer, 2005 (2012-07-16)
- 2) The documents identified by title, number and date in paragraph 1) are incorporated by reference and are set out in the Standard Acquisition Clauses and Conditions (SACC) Manual, issued by Public Works and Government Services Canada (PWGSC). The SACC Manual is available on the PWGSC Web site:

<http://sacc.pwgsc.gc.ca/sacc/query.do?lang=en&id=r&date=current&title=&detail=&type=all&action=search>

- 3) Schedules of Wage Rates for Federal Construction Contracts is included by reference and may be accessed from the Web site: http://www.hrsdc.gc.ca/en/labour/employment_standards/contracts/schedule/index.shtml

4. Term of Standing Offer

4.1 Period of the Standing Offer

The period for making call-ups against the Standing Offer is 3 years from date of issue

5. Authorities

5.1 Standing Offer Authority

The Standing Offer Authority is:

Name: *see front page of Standing Offer for details*
Public Works and Government Services Canada
Acquisitions Branch

Directorate: Real Property Contracting

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, they are responsible for any contractual issues relating to individual call-ups made against the Standing Offer by any Identified User.

5.2 Project Authority

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

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

6. Identified users

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

7. Call-up Procedures

1. Best Standing Offer: the offer that provides best value lowest prices will be retained.

The Project Authority will establish the scope of work to be performed by the successful firm and negotiate the level of effort required to perform the work based on the hourly rates contained in the Standing Offer.

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8. CALL-UP INSTRUMENT

Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada

CALL-UP AGAINST A STANDING OFFER
COMMANDE SUBSÉQUENTE À UNE OFFRE
PERMANENTE

In accordance with
STANDING OFFER NO.:

Dated _____

and the terms and conditions therein, you
are
Requested to carry out the worked
described below.

Conformément à
L'OFFRE PERMANENTE No. __

En date du _____

Et les modalités qui y sont
énumérées, vous êtes prié
d'exécuter les travaux décrits
ci-après.

Call-up no. - No de commande

Contractor's name and address - Nom et adresse de l'entrepreneur		Send invoice to - Expédier la facture à	
Fax No. ()		attention:	
Project no. - No du projet	Note: Quote standing offer number, project number and call-up number on your invoice. Inscrire le numéro de l'offre permanente, le numéro du projet et le numéro de commande sur la facture.		
Location of work - Endroit des travaux	Call-up cost, GST/HST extra - Coût de la commande, TPS en plus		

Work description - Description des travaux
--

Certified pursuant to subsection 32 (1) of the Financial Administration Act Certifié en vertu du paragraphe 32 (1) de la Loi sur la gestion des finances publiques	_____	Date
_____	Signature	
Departmental Representative - Représentant du ministère	_____	Date
_____	Signature	

PWGSC-TPSGC 2829 (03/2006)

9. Limitation of Call-ups

Individual call-ups against the Standing Offer must not exceed \$60,000.00 (Goods and Services Tax or Harmonized Sales Tax included).

10. Financial Limitation

The total cost to Canada resulting from call ups against the Standing Offer must not exceed the sum of \$380,952.38 (Goods and Services Tax or Harmonized Sales Tax excluded) unless otherwise authorized in writing by the Standing Offer Authority. The Offeror must not perform any work or services or supply any articles in response to call ups which would cause the total cost to Canada to exceed the said sum, unless an increase is so authorized.

The Offeror must notify the Standing Offer Authority as to the adequacy of this sum when 75 percent of this amount has been committed, or 3 months before the expiry date of the Standing Offer, whichever comes first. However, if at any time, the Offeror considers that the said sum may be exceeded, the Offeror must promptly notify the Standing Offer Authority.

11. Priority Documents

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

- a) the call up against the Standing Offer, including any annexes and any amendments;
- b) the articles of the Standing Offer;
- c) the general conditions 2005 (2012-07-16), General Conditions - Standing Offers - Goods or Services
- d) any amendment or variation in the Standing Offer that is made in accordance with the terms and conditions of the Standing Offer;
- e) the general conditions dated and listed in Part 7B, Resulting Contract Clauses;
- f) the sSupplemental general conditions;
- g) Annexes:
Annex A, Statement of Work / Specifications, and any amendment to the solicitation document incorporated in the Standing Offer before the date of the Standing Offer;
Annex B, Basis of Payment;
Annex C, Health & Safety Requirements - Manitoba; (*insert applicable province of work*)
Annex D, Periodic Usage Report Form; and
Annex F; Security Requirement Check List (SRCL).
- h) the Offeror's offer Annex E, dated _____ (insert date of offer);

12. Certifications

12.1 Compliance

Compliance with the certifications provided by the Offeror is a condition of authorization of the Standing Offer and subject to verification by Canada during the term of the Standing Offer and of any resulting contract that would continue beyond the period of the Standing Offer. In the event that the Offeror does not comply with any certification or it is determined that any certification made by the Offeror in its offer is untrue, whether made knowingly or unknowingly, Canada has the right to terminate any resulting contract for default and set aside the Standing Offer.

13. Applicable Laws

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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 the province of work.

14. Estimates

Where an estimate of the cost of performing specific work is required, the Identified User will provide the Offeror with a statement of the work required and the Offeror must provide the Identified User with an estimate of the cost of performing the specified work in accordance with the pricing provision of the Standing Offer. The Offeror must not undertake any of the specified work unless and until a call-up is issued by the Identified User. The estimated cost stated in the call-up must not be exceeded without the specific written authorization of the Identified User.

15. Offeror's Contact Information

Name: _____

Title: _____

Address: _____

Telephone: _____

Fax: _____

E-Mail: _____

PART 7 (B) - RESULTING CONTRACT CLAUSES

- 1) The following clauses and conditions apply to and form part of any contract resulting from a call-up against the Standing Offer:
 - (a) Statement of Work - The Contractor must perform the Work described in the call-up against the Standing Offer;
 - (b) General Conditions:

(i)	GC1	General Provisions	R2810D	(2012-07-16);
(ii)	GC2	Administration of the Contract	R2820D	(2012-07-16);
(iii)	GC3	Execution and Control of the Work	R2830D	(2010-01-11);
(iv)	GC4	Protective Measures	R2840D	(2008-05-12);
(v)	GC5	Terms of Payment	R2550D	(2010-01-11);
(vi)	GC6	Delays and Changes in the Work	R2865D	(2008-05-12);
(vii)	GC7	Default, Suspension or Termination of Contract	R2870D	(2008-05-12);
(viii)	GC8	Dispute Resolution	R2884D	(2008-05-12);
(ix)	GC9	Insurance	R2590D	(2011-05-16);
 - (c) Supplementary Conditions, if any;
 - (d) Fair Wages and Hours of Labour - Labour Conditions R2940D (2012-07-16);
 - (e) Allowable Costs for Contract Changes Under GC6.4.1 R2950D (2007-05-25);
 - (f) Schedules of Wage Rates for Federal Construction Contracts;
 - (g) Any amendment issued or any allowable bid revision received before the date and time set for solicitation closing;
 - (h) Any amendment incorporated by mutual agreement between Canada and the Contractor before acceptance of the bid; and
 - (i) Any amendment or variation of the contract documents that is made in accordance with the General Conditions.

 - 2) The documents identified by title, number and date in paragraph 1) are incorporated by reference and are set out in the Standard Acquisition Clauses and Conditions (SACC) Manual, issued by Public Works and Government Services Canada (PWGSC). The SACC Manual is available on the PWGSC Website:

<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/rqqr.do?lang=eng&verb=rese&id=r&date=current&trl=&detail=&type=all&action=search>

 - 3) Schedules of Wage Rates for Federal Construction Contracts is included by reference and may be accessed from the Website:

http://www.hrsdc.gc.ca/eng/labour/employment_standards/contracts/schedule/index.shtml
- NOTE: Contractors should note that a copy of the Labour Conditions and the Fair Wage Schedule applicable to the project location must be posted at the work site in a convenient, easily accessible location.*
- 4) The language of the contract documents shall be the language of the Bid and Acceptance Form submitted.
 - 5) A contract is formed between Canada and the Offeror only when a Call-up duly signed is issued by the Departmental Representative and accepted by the Offeror*. The Offeror shall then be referred to as "the Contractor" and the Contract includes the Offer, the Specifications referred to in the Unit Price Schedule, the General Conditions, and the Call-up .
 - 6) Interpretation

"Accepted by the Offeror" * means that the Offeror has agreed to, and commenced performance of the work.

"Minister" includes a person acting for the Minister, the Minister's successor in office, their lawful deputy and their representatives appointed for the purpose of the Standing Offer.

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

"Superintendent" or *"Supervisor"* means the employee or representative of the Contractor designated by the Contractor to act as Superintendent;

"Unit Price Table" means the table of prices per unit set out in the Offer; and

"Work" means, subject only to any express stipulation in the Contract to the contrary, everything that is necessary to be done, furnished or delivered by the Contractor to perform the Contract in accordance with the work as described in each Call-up, and in the technical specifications or statement of work.

1. SUPPLEMENTAL CONDITIONS

INSERT the following supplementary conditions in the resulting General Conditions:

1.1. T1204 - Direct Request by Customer Department

- 1.1.1 Pursuant to paragraph 221 (1)(d) of the Income Tax Act, R.S. 1985, c.1 (5th Supp.), payments made by departments and agencies to contractors under applicable services contracts (including contracts involving a mix of goods and services) must be reported on a T1204 Government Service Contract Payments slip.
- 1.1.2 To enable departments and agencies to comply with this requirement, the Contractor must provide Canada, upon request, its business number or Social Insurance Number, as applicable. (These requests may take the form of a general call-letter to contractors, in writing or by telephone).

1.2. Periodic Reports

- 1.2.1 The Offeror shall provide to the Contracting Authority biannual reports on usage of the Standing Offer, showing the number and total value of call-ups by each consignee. Reports shall be submitted in the format shown on the attached Annex D "Periodic Usage Report Form" and forwarded to the Contracting Authority no later than fifteen (15) days after the designated reporting period.
- 1.2.2 The Offeror understands that failure to comply may result in the setting aside of the Standing offer.

2. Term of Contract

2.1 Period of the Contract

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

3. Payment

1.3. CHANGES TO GC5 R2550D - TERMS OF PAYMENT

DELETE GC5.4, GC5.5, and GC5.6 and **INSERT** the following:

GC5.4 Payment

.1 Terms of Payment

1. Where the duration of the work identified in a call-up is greater than 30 days, the Contractor may submit monthly progress claims, and shall be entitled to receive progress payments at monthly or other agreed intervals. Subject to verification by the Departmental Representative, payment of the Contractor's invoice for work satisfactorily completed shall be made not later than 30 days after receipt thereof. The due date shall be the 30th day following receipt of a properly submitted invoice.
2. The Contractor shall submit a separate invoice for each Call-up to the Departmental Representative in accordance with any invoicing instructions set out herein. The properly submitted invoice shall be delivered to the Departmental Representative in the agreed format with sufficient detail, information, and backup to permit verification.

The Contractor's invoice shall show the following, as separate items:

(a) the amount of the progress payment being claimed for Work satisfactorily performed excluding GST/HST;

(b) the amount for any tax calculated (GST/HST) in accordance with the applicable federal tax legislation; and

(c) the total amount which shall be the sum of the amounts referred to in (a) and (b) above.

3. The amount of the tax shown on the invoice shall be paid by Canada to the Contractor in addition to the amount of the progress payment for Work satisfactorily performed.
4. If, within 15 days of receipt of the invoice, additional information is requested by the Departmental Representative for the purpose of verification, the 30 day payment period shall commence upon receipt of the requested information. Payment shall be made prior to or on the thirtieth (30) day after receipt of the corrected invoice or the required information.
 - .1 Any monthly progress payment made to the Contractor may be subject to a 10% holdback which shall be released to the Contractor with the final payment unless the amount held back is required by Canada to remedy any defect in the Contractor's work.
 - .2 Where the duration of the Work identified in a call-up is equal to or less than thirty (30) days, the Contractor may receive a single payment as full consideration for the Work performed.
5. Upon completion of the Work in the progress claim, the Contractor maybe requested to provide a completed and signed statutory declaration containing a declaration that, up to the date of the progress claim, the Contractor has complied with all lawful obligations with respect to the Labour Conditions and that, in respect of the Work, all lawful obligations of the Contractor to its Subcontractors and Suppliers, referred to collectively in the declaration as "subcontractors and suppliers", have been fully discharged before any further payment is made.
6. Upon written notice by a Sub-Contractor, with whom the Contractor has a direct contract, of an alleged non payment to the Sub-Contractor, the Departmental Representative may provide the Sub-Contractor with a copy of the latest approved progress payment made to the Contractor for the Work.

7. Upon the satisfactory completion of all Work, the amount due, less any payments already made, shall be paid to the Contractor not later than thirty (30) days after receipt of a properly submitted invoice, and upon request, with a Statutory Declaration in accordance with paragraph 5 above.

4.1 Basis of Payment - see Annex B

4.2 Limitation of Price

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

4.3 Supplemental Invoicing Instructions

.1 Invoices

.1 All invoices submitted for payment shall show:

- .1 Construction Engineering Work Order Number,
- .2 Construction Engineering File Number,
- .3 Requisition Number, DSS 942 (Requisition on Contract),
- .4 Public Works and Government Services Canada (PWGSC) Standing Offer Number, and
- .5 same address as on PWGSC contract.

.2 Invoices are to include a breakdown as follows:

- .1 Hourly rate per the Offer and hours of work for each tradesperson.
 - .2 An itemized list of materials used, by cost, shall be shown on all invoices submitted for payment.
 - .3 Extended total.
 - .4 Good and Services Tax (GST/HST) shall be shown as a separate item.
 - .5 Where subcontracting is involved a copy of subcontractor's invoice shall accompany the invoice against the requisition.
 - .6 Where discount or markup is applicable, indicate separately.
- .3 Invoices submitted for payment against this contract that are not properly identified will be returned to the Contractor for proper annotation before certification for payment is made.

4.4 Payment of Invoices by Credit Card

The credit card _____ is accepted.

OR

The credit cards _____ and _____ are accepted.

Section GC5.11 Delay in Making Payment, Interest on Overdue Accounts, of GC5 - Terms of Payment R2550D (2010-01-11) will not apply to payments made by credit cards.

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ANNEXES

Annex A	Statement of Work
Annex B	Basis of Payment
Annex C	Health & Safety Requirements
Annex D	Periodic Usage Report Form
Annex E	Offer
Annex F	Code of Conduct Certifications - Consent to a Criminal Record Verification

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ANNEX A

See attached

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ANNEX B

.1 Basis of Payment

Payments in respect of the agreed price shall be made upon satisfactory performance of the Work, and upon approval of the Departmental Representative, but such payments shall not exceed the amount(s) as specified in the Call Up, for the Work without written authorization.

In consideration of the Contractor satisfactorily completing all of its obligations under the resulting Contract, the Contractor will be paid a firm price, Goods and Services Tax or Harmonized Sales Tax extra.

.1 Hourly Rates:

The Contractor will be paid firm hourly rates as follows, for work performed in accordance with the Contract.

See attached for details

ANNEX C

MANDATORY HEALTH AND SAFETY - *for Work in the Province of Alberta*

1.) SPECIAL INSTRUCTIONS TO BIDDERS (SI):

WCB AND SAFETY PROGRAM

- 1) The recommended Bidder shall provide to the Contracting Authority, prior to Standing Offer issue
 - 1.1 a Workers Compensation Board Premium Rate Statement - Alberta, or equivalent documentation from another jurisdiction;
 - 1.2 a Workers Compensation Board letter of good standing, also listing covered Directors, Principals, Proprietor(s) or Partners who will be or who are anticipated to be present on the work site(s), or equivalent documentation from another jurisdiction; and
 - 1.3 a Certificate of Recognition (COR) or Registered Safety Plan (RSP). A health and safety policy and program, as required by other provincial/territorial Occupational Health and Safety Acts, will be acceptable in lieu of a COR or RSP.
- 2) The recommended Bidder shall deliver all of the above documents to the Contracting Authority on or before the date stated (usually 3-5 days after notification) by the Contracting Authority. Failure to comply with the request may result in the bid being declared non-compliant.

2.) SUPPLEMENTARY CONDITIONS (SC):

Workplace Safety and Health

1. EMPLOYER/PRIME CONTRACTOR

- 1.1 The Contractor shall, for the purposes of the Occupational Health and Safety Act, Alberta, and for the duration of the Work:
 - 1.1.1 act as the Employer, where there is only one employer on the work site, in accordance with the Authority Having Jurisdiction;
 - 1.1.2 accept the role of Prime Contractor, where there are two or more employers involved in work at the same time and space at the work site, in accordance with the Authority Having Jurisdiction; and
 - 1.1.3 agree, in the event of two or more Contractors working at the same time and space at the work site, without limiting the General Conditions, to Canada's order * to:
 - 1.1.3.1 accept, as the Prime Contractor, the responsibility for Canada's other Contractor(s); or
 - 1.1.3.2 accept that Canada's other Contractor is Prime Contractor and conform to that Contractor's Site Specific Health and Safety Plan.

* "order" definition: *after contract award, Contractor is ordered by a Change Order*

2. SUBMITTALS

2.1 The Contractor shall provide to Canada:

- 2.1.1 prior to the pre-construction meeting, a transmittal and copy of a completed Notice of Project form PWGSC - TPSGC 458 (form will be provided to the proposed contractor prior to award), as sent to the Authority Having Jurisdiction (AHJ); and
- 2.1.2 prior to commencement of work and without limiting the terms of the General Conditions:
 - 2.1.2.1 copies of all other necessary permits, notifications and related documents as called for in the scope of work/specifications and/or by the AHJ; and
 - 2.1.2.2 a site specific Health and Safety Plan as requested.

NOTE: Please do not include any forms that include personal 3rd party information such as the names of the contractor's employees and their related claims information.

3. LABOUR AUTHORITY CONTACT:

The contact below represents the Labour Authority in the jurisdiction (AHJ). They are not representatives of the Workers Compensation.

Do not contact the people referenced below for issues pertaining to WCB or WCB Clearances. Those queries must be directed specifically to the WCB, and where the WCB has both a Labour and Compensation component, WCB issues must be directed to the Compensation/Employer Services sections.

<u>ALBERTA South</u>	<u>ALBERTA North</u>
Alberta Human Resources and Employment Workplace Health and Safety 600 – 727, 7th Avenue S.W. Calgary, Alberta, T2P 0Z5 Telephone: (403) 297-7896 Facsimile:(403) 297-7893	Alberta Human Resources and Employment Workplace Health and Safety 10th Floor, 7th Street Plaza 10030-107 Street Edmonton, Alberta, T5J 3E4 Telephone: (780)422-5949 Facsimile:(780) 427-0999

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**ANNEX D
Periodic Usage Report Form**

As a requirement of this Request for Standing Offer, a report shall be submitted as follows:

Return to:

Tammey Hugo	(780) 497-3510	tammey.hugo@pwgsc-tpsgc.gc.ca
<i>Name</i>	<i>Fax</i>	<i>Email Address</i>

at:

Public Works and Government Services Canada
Real Property Contracting, Acquisitions Branch
Ste. 500 - 10025 Jasper Avenue
Edmonton, Alberta
T8N 6A8

REPORT ON THE VOLUME OF BUSINESS

SUPPLIER: _____

REPORT FOR THE PERIOD ENDING: _____

Description of Work	Call-up #	TOTAL BILLING

NIL REPORT: We have not done any business with the federal government for this period
_____.

PREPARED BY:

NAME: _____

SIGNATURE: _____

TELEPHONE NO.: _____

ANNEX E OFFER

Description of Work:Edmonton Garrison, Edmonton,, AB
Various Projects, DND
Concrete Repair Standing Offer

1. OFFER

- .1 This Standing Offer is made by the Offeror to Canada;
- .2 This Offer is to furnish all necessary tools, plant, equipment, services, materials and labour to execute and complete the Work described above in careful and workmanlike manner;
- .3 The Work shall be more particularly described in individual Call-ups to be issued by the Project Authority, hereinafter called the "Departmental Representative";
- .4 Individual Call-ups may be issued, from time to time, during the period identified in Part 7A, clause 4.1, hereinafter called the "Term".

2. GENERAL PROVISIONS

- .1 This Offer when signed by or on behalf of the Offeror, the Specifications referred to in the Unit Price Schedule below and the General Conditions shall constitute the complete Offer subject to the provisions contained therein;
- .2 The Hourly Rate and the Unit Price, as offered, govern in calculating each Estimated Total Price; any errors in the extension of the Unit Price and in the addition of the Estimated Total Prices will be corrected in order to obtain the actual Total Estimated Amount;
- .3 This Offer supersedes and cancels all communications, negotiations and agreements relating to the Work other than those contained in the Offer;
- .4 that this tender may not be withdrawn for a period of 90 days following the tender closing time,

The Offeror agrees

- .1 to carry out individual work projects as requisitioned from time to time by the Departmental Representative in **Call- ups Against a Standing Offer**, form PWGSC/TPSGC 2829 or 942, copies of which the Offeror acknowledges to have in its possession, in accordance with the requirements set out therein and in consideration of payment of amounts to be determined pursuant to section 3. Below;
- .2 to provide, on demand from the Departmental Representative, a detailed price estimate, calculated in accordance with section 4 below, and a proposed work schedule for each work project; and
- .3 to commence Work promptly upon receipt of each Call-up issued pursuant to this Offer, duly signed by the Departmental Representative.

-
- .5 This Offer does not constitute a binding contract between Canada and the Offeror. The Departmental Representative shall have the right to issue a Call-up with those other offerors which have also submitted offers to Canada.
 - .6 A contract is formed between Canada and the Offeror only when a Call-up duly signed is issued by the Departmental Representative and accepted by the Offeror. The Offeror shall then be referred to as "the Contractor" and the Contract includes the Offer, the Specifications referred to in the Unit Price Schedule below, the General Conditions and the Call-up .
 - .7 The estimated number of hours, the quantities of material and plant, and the amount of the Allowance for Unspecified material set out in the Unit Price Schedule are for the purpose of comparative evaluation of the offers and do not express an obligation on the part of Canada to order any or all of the work, material or plant listed therein.
 - .8 The Offeror declares that no bribe, gift or benefit has been or will be paid, given, promised or offered directly or indirectly to any official or employee of Canada or to a member of the family of such person, with a view to influence the entry into or the administration of any contract which may result from this Offer.

3. FINANCIAL TERMS

- .1 Each item specified in the Unit Price Schedule in subsection 4.1 includes wages, traveling time and costs, allowances, supervision, liabilities as employer, insurance, and the use of all tools, tackle, etc., overhead, profit and all other liabilities whatsoever.
- .2 Unspecified Material shall be reimbursed at net cost, as supported by invoices, plus Markup as established in section 4 of this Offer. "Net Cost" means all amounts reasonably and properly paid by the Offeror in respect of materials required for and used in the Work, and includes packing, handling and delivery charges, less any trade discounts received by the Offeror. The Offeror's Markup on Unspecified Material covers overheads, profit, and all other expenses whatsoever.
- .3 The prices inserted in section 4 of this Offer include all applicable federal, provincial, and municipal taxes.
 - .1 However, they do not include any amount for the Goods and Services Tax (GST) or Harmonized Sales Tax (HST). The appropriate GST/HST amounts will be paid by Canada to the Offeror in addition to the amounts paid against the amount of the contract. The Offeror shall make appropriate remittances to Revenue Canada in accordance with the legislation.
 - .2 The prices do not include the Québec Sales Tax. The Offeror shall arrange directly with the Province of Québec for the reimbursement of Provincial Sales Tax paid to this Province for the purpose of any contract resulting from this Offer.
- .4 Payment by Canada for the Offeror's own special equipment not covered by the Unit Price Schedule and required at the job site will be no greater than the local going rental rate for such equipment or the rate published by the local construction association for such equipment, whichever is the lower.
- .5 The cost of subcontract work, including special equipment rentals approved by the Project Authority, shall be reimbursed at actual cost with the addition of ten (10) percent to cover overheads, profit, and all other expenses whatsoever. "Actual cost" means all amounts reasonably and properly paid by the Contractor for those parts of the Work carried out by subcontractors.

.6 Pricing

.1 The prices requested in the Offer are:

- .1 hourly rates for regular hours;
- .2 hourly rate for each hour outside of regular hours; and
- .3 mark up on allowance for unspecified material, replacement parts, required permits and certificates. for purposes of evaluation.

.2 The hourly rates requested in the offer and acceptance for specific types of service shall be the total cost to perform the work including but not limited to:

- .1 labour including supervision, allowances and liability insurance;
- .2 travel time;
- .3 transportation/vehicle expenses;
- .4 tools and tackle;
- .5 overhead and profit;
- .6 any other incidental expenses other than supply of materials and replacement parts relating to the delivery of labour.

.3 It is considered that regular hours of work fall between 0700 and 1800 hours, Monday to Friday.

4. PRICES

The Offeror agrees that the following are the prices referred to in sections 2 and 3 above:

4.1 Unit Price Schedules - Rates

SCHEDULE A) Initial Year

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5		Col. 6	
Item	Class of Labour, material or plant	Unit	Estimated Hours/ Quantity	Unit Price		Estimated total price	
				\$	€	\$	€
1.	Removal/disposal of existing concrete work (100 mm thickness) and rubble by means of saw cutting, jack hammering in conjunction with bobcat or other means necessary	/m2	1000				
1a.	Supply and preparation of granular base for new concrete work, including forming and reinforcement. Supply, placement and finishing of concrete:	/m2	1000				
2	Removal/disposal of existing concrete work (150 mm thickness) and rubble by means of saw cutting, jack hammering in conjunction with bobcat or other means necessary.	/m2	2000				
2a.	Supply and preparation of granular base for new concrete work, including forming and reinforcement. Supply, placement and finishing of concrete:	/m2	2000				
3	Removal/disposal of existing concrete work (150 mm monolithic curb with 250 mm gutter) and rubble by means of saw cutting, jack hammering in conjunction with bobcat or other means necessary	/lm	500				
3a.	Supply and preparation of granular base for new concrete work including forming and reinforcement. Supply, placement and finishing of concrete.(150 mm monolithic curb with 250 mm gutter):	/lm	500				
4	Complete landscaping as per Call up	/m2	2000				
5	Sod, supplied and placed	/m2	5000				
6	Piles, 200 mm diameter	/lm (depth)	500				
7	Bobcat work, ground leveling, ground maintenance, road work gravel placement, grading, etc.	/hour	1000				

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8.	Contractor's Mark Up on Allowance for unspecified material, replacement parts, required permits and certificates. (% mark up x \$10,000. =)	n/a	\$10,000.00	_____ %	\$
Sub Total A): Estimated Total Amount 1st Year GST/HST Extra					\$

Verification of offeror's cost must be provided upon request of the Project Authority or designated DND representative.

continued

4.1 Unit Price Schedules - Rates (continued)**SCHEDULE B) Year 2**

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6
Item	Class of Labour, material or plant	Unit	Estimated Hours/ Quantity	Unit Price	Estimated total price
				\$ ¢	\$ ¢
1.	Removal/disposal of existing concrete work (100 mm thickness) and rubble by means of saw cutting, jack hammering in conjunction with bobcat or other means necessary	/m2	1000		
1a.	Supply and preparation of granular base for new concrete work, including forming and reinforcement. Supply, placement and finishing of concrete:	/m2	1000		
2	Removal/disposal of existing concrete work (150 mm thickness) and rubble by means of saw cutting, jack hammering in conjunction with bobcat or other means necessary.	/m2	2000		
2a.	Supply and preparation of granular base for new concrete work, including forming and reinforcement. Supply, placement and finishing of concrete:	/m2	2000		
3	Removal/disposal of existing concrete work (150 mm monolithic curb with 250 mm gutter) and rubble by means of saw cutting, jack hammering in conjunction with bobcat or other means necessary	/lm	500		
3a.	Supply and preparation of granular base for new concrete work including forming and reinforcement. Supply, placement and finishing of concrete. (150 mm monolithic curb with 250 mm gutter):	/lm	500		
4	Complete landscaping as per Call up	/m2	2000		
5	Sod, supplied and placed	/m2	5000		
6	Piles, 200 mm diameter	/lm (depth)	500		
7	Bobcat work, ground leveling, ground maintenance, road work gravel placement, grading, etc.	/hour	1000		
8.	Contractor's Mark Up on Allowance for unspecified material, replacement parts, required permits and certificates.	n/a	\$10,000.00	_____ %	\$

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	(% mark up x \$10,000. =)				
Sub Total B): Estimated Total Amount 2nd Year GST/HST Extra					\$

Verification of offeror's cost must be provided upon request of the Project Authority or designated DND representative.

Continued

4.1 Unit Price Schedules - Rates (continued)**SCHEDULE C)_Year 3**

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5		Col. 6	
Item	Class of Labour, material or plant	Unit	Estimated Hours/ Quantity	Unit Price		Estimated total price	
				\$	€	\$	€
1.	Removal/disposal of existing concrete work (100 mm thickness) and rubble by means of saw cutting, jack hammering in conjunction with bobcat or other means necessary	/m2	1000				
1a.	Supply and preparation of granular base for new concrete work, including forming and reinforcement. Supply, placement and finishing of concrete:	/m2	1000				
2	Removal/disposal of existing concrete work (150 mm thickness) and rubble by means of saw cutting, jack hammering in conjunction with bobcat or other means necessary.	/m2	2000				
2a.	Supply and preparation of granular base for new concrete work, including forming and reinforcement. Supply, placement and finishing of concrete:	/m2	2000				
3	Removal/disposal of existing concrete work (150 mm monolithic curb with 250 mm gutter) and rubble by means of saw cutting, jack hammering in conjunction with bobcat or other means necessary	/lm	500				
3a.	Supply and preparation of granular base for new concrete work including forming and reinforcement. Supply, placement and finishing of concrete. (150 mm monolithic curb with 250 mm gutter):	/lm	500				
4	Complete landscaping as per Call up	/m2	2000				
5	Sod, supplied and placed	/m2	5000				
6	Piles, 200 mm diameter	/lm (depth)	500				
7	Bobcat work, ground leveling, ground maintenance, road work gravel placement, grading, etc.	/hour	1000				

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8.	Contractor's Mark Up on Allowance for unspecified material, replacement parts, required permits and certificates. (% mark up x \$10,000. =)	n/a	\$10,000.00	_____ %	\$
Sub Total C): Estimated Total Amount 3rd Year GST/HST Extra					\$

Verification of offeror's cost must be provided upon request of the Project Authority or designated DND representative.

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4.2 TOTAL EVALUATED PRICE (Initial 1 Year Term + 2nd Year)

Col. 1	Col. 2	Col. 3	Col. 4
Sub Total SCHEDULE A) Initial Year Term	Sub Total SCHEDULE B) 2nd Year	Sub Total SCHEDULE C) 3rd Year	Total Evaluated Price (col.1 + col.2+ col.3= col 4)
\$ _____	\$ _____	\$ _____	\$ _____ GST/HST Extra

These items will be used for cost evaluation purposes only and do not constitute a guarantee or commitment on behalf of Canada of the quantity or amount to be used under the Standing Offer.

A rate must be entered for each item.

The Offeror agrees that the Price(s) per Unit as tendered govern in calculating the Total Evaluated Price. The Offeror understands that any errors in the extension of the Price per Unit, in the addition of the Estimated Total Price, and Estimated Total Amount will be corrected in order to obtain the Total Evaluated Price.

Cost will be evaluated on the Total Evaluated Price in Column 4. It is anticipated that only one standing offer will be issued to the lowest compliant offeror.

SIGNATURE:

Name and title of person authorized to sign on behalf of Bidder (Type or print)

Signature

Date

Solicitation No. - N° de l'invitation

W0127-12LP10/A

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

DND

Amd. No. - N° de la modif.

File No. - N° du dossier

PWU-2-35195

Buyer ID - Id de l'acheteur

pwu011

CCC No./N° CCC - FMS No/ N° VME

APPENDIX 1

H3027T Payment of Invoices by Credit Card

Canada requests that bidders complete one of the following:

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

The following credit card(s) are accepted:

VISA

MasterCard

OR

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

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

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

Solicitation No. - N° de l'invitation

W0127-12LP10/A

Amd. No. - N° de la modif.

File No. - N° du dossier

PWU-2-35195

Buyer ID - Id de l'acheteur

pwu011

CCC No./N° CCC - FMS No/ N° VME

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

DND

ANNEX F

Code of Conduct Certifications - Consent to a Criminal Record Verification

Page 1

COMPLETE LIST OF EACH INDIVIDUAL WHO IS CURRENTLY ON THE BIDDER'S BOARD OF DIRECTORS

NOTE TO BIDDERS: LEGIBLY PRINT OR TYPE DIRECTOR' SURNAMES AND GIVEN NAMES

ANNEX F
Code of Conduct Certifications - Consent to a Criminal Record Verification
 Page 2

SAMPLE OF THE CONSENT TO A CRIMINAL RECORD VERIFICATION FORM (PWGSC-TPSGC 229)



Public Works and Government Services
Canada

Travaux publics et Services gouvernementaux
Canada

Protected (when completed and received by government)
Protégé (lorsque rempli et reçu par le gouvernement)

If completed manually, please print
Si rempli manuellement, veuillez écrire en lettres moulées

FOR GOVERNMENT USE ONLY POUR USAGE DU GOUVERNEMENT SEULEMENT	
Special Investigations Directorate File No. N° de dossier de la Direction des enquêtes spéciales	Date Received (Y-A M D-J) Date de réception

**CONSENT TO A CRIMINAL RECORD VERIFICATION
CONSENTEMENT À LA VÉRIFICATION DE L'EXISTENCE D'UN CASIER JUDICIAIRE**

This form must be completed and signed by each individual who is currently on the Board of Directors of the Bidder/Offeror/Supplier and provided with the Bid/Offer/Arrangement.
Le présent formulaire doit être rempli et signé par chaque membre du conseil d'administration du soumissionnaire/de l'offrant/du fournisseur et fourni avec la soumission/l'offre/l'arrangement.

A	PRIVACY ACT STATEMENT ÉNONCÉ CONCERNANT LA LOI SUR LA PROTECTION DES RENSEIGNEMENTS PERSONNELS	
	The personal information requested on this form is collected under the authority of subsection 750(3) of the <i>Criminal Code</i> , paragraph 42(1(c)) of the <i>Financial Administration Act</i> , and sections 7 and 21 of the <i>Department of Public Works and Government Services Act</i> . The information will be used for validating the criminal conviction obtained or maintaining a procl shared with other government d provincial, territorial, and federal is required to conduct the crimina	Les renseignements personnels demandés dans le présent formulaire sont recueillis en vertu du paragraphe 750(3) du <i>Code criminel</i> , du paragraphe 42(1(c)) de la <i>Loi sur la gestion des finances publiques</i> et des articles 7 et 21 de la <i>Loi sur le ministère des Travaux publics et des Services gouvernementaux</i> . Ces és pour valider les attestations de écessaires pour obtenir ou conserver ument. Les renseignements peuvent istères et organismes fédéraux, ainsi ux, territoriaux et fédéraux, dans les our la vérification des condamnations
	SAMPLE ONLY USE FORM AVAILABLE ONLINE AT WEB SITE INDICATED IN SI01 3.1 b.	
	A refusal to provide info the bid/offer/arrangement being rejected or the contract terminated, the standing offer being set-aside or the supply arrangement being cancelled, as applicable.	is renseignements demandés, la soumission/l'offre/l'arrangement sera rejeté ou le contrat résilié, l'offre à commandes sera mise de côté ou l'arrangement en matière d'approvisionnement sera annulé, selon le cas.
	The personal information is described in personal information bank PWGSC PPU 184 - Integrity Assessment Program. Individuals have a right of access to, correction of and protection of their information in accordance with the <i>Privacy Act</i> .	Les renseignements personnels sont décrits dans les fichiers de renseignement personnels n° TPSGC PPU 184 - Programme de l'évaluation de l'intégrité. Les personnes ont le droit d'accéder aux renseignements personnels qui les concernent, ainsi que de les faire corriger ou protéger, conformément à la <i>Loi sur la protection des renseignements personnels</i> .

B BIOGRAPHICAL INFORMATION - Must be completed by the individual RENSEIGNEMENTS BIOGRAPHIQUES - À remplir par l'individu		
Family Name (Last Name) - Nom (de famille)	Family Name at Birth - Nom de famille à la naissance	
Full Given Names (No initials) - Prénoms au complet (aucune initiale)		
All other previously used names (i.e. maiden name, previously married names, legal name change, nicknames) Tout autre nom utilisé (tel que nom de jeune fille, noms maritaux précédents, changement de nom légaux, sobriquets)		
Gender - Sexe <input type="checkbox"/> Male Masculin <input type="checkbox"/> Female Féminin	Date of Birth - Date de naissance (Y-A M D-J)	
Current Residential Information Information résidentielle actuelle		
Apartment No. - N° d'appartement	Street No. - N° civique	Street Name - Nom de la rue
City - Ville	Province	Postal Code - Code postal

PWGSC-TPSGC 229 (2012/06)

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

W0127-12LP10/A

pwu011

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

File No. - N° du dossier

CCC No./N° CCC - FMS No/ N° VME

DND

PWU-2-35195

ANNEX F

Code of Conduct Certifications - Consent to a Criminal Record Verification

Page 3

SAMPLE OF THE CONSENT TO A CRIMINAL RECORD VERIFICATION FORM (PWGSC-TPSGC 229)

C	CONSENT - Must be signed by the individual CONSENTEMENT - Doit être signé par l'individu
I, the undersigned, confirm that I have read and understand the above <i>Privacy Act</i> statement and that I consent to the collection and use of my personal information as described therein.	
Je, soussigné, confirme avoir pris connaissance de l'Énoncé concernant la <i>Loi sur la protection des renseignements personnels</i> et consens à la collecte et à l'utilisation des renseignements personnels fournis aux présentes.	
Signature	SAMPLE ONLY
Print Name - Nom en lettres moulées	USE FORM AVAILABLE ONLINE AT WEB SITE INDICATED IN SI01 3.1 b.
	Date (Y-A M D-J)
D	ADMINISTRATIVE INFORMATION - Internal Government Use Only RENSEIGNEMENTS ADMINISTRATIFS - Pour usage interne du gouvernement seulement
Requesting Branch/Sector/Directorate/Division - Direction générale/Secteur/Direction/Division requérante	
Solicitation/Proposed Contract No. - N° de la demande de soumission/N° du contrat	
Date of Request (Y-A M D-J) Date de la demande	
Requesting Contact Person - Personne-ressource requérante	Contact Person Tel. No. - N° de tél. de la personne-ressource



DEPARTMENT OF NATIONAL DEFENCE

CONCRETE REPAIR

STATEMENT OF WORK

EDMONTON GARRISON

JOB NO. 12LP10

DATE: 01 April 2012

Services Required

.1 Description of Work

- .1 Work under this standing offer comprises the furnishing of all supervision, materials, equipment, labour, materials and transportation necessary to perform concrete repair, maintenance, renovation and construction of concrete curbs and surfaces located at the Steele Barracks site, Garrison Edmonton.

.2 Codes and Standards

- .1 Perform work in accordance with the current edition of the National Building Code of Canada (NBC), and any other provincial or local code applicable. In any case of conflict or discrepancy, the more stringent requirements will apply.
- .2 Materials and workmanship must conform to or exceed applicable standards of Canadian Standards Association (CSA), American Society for Testing and Materials (ASTM) and other referenced organizations.

.3 Offeror's use of Site

- .1 Site usage will vary from job to job and restrictions will be addressed when a scope of work or request for estimate is made.
- .2 Do not unreasonably encumber site with materials and equipment.

.4 Inspection

- .1 All work and materials covered by this specification will be subject to inspection at any and all times by the Project Authority or designated DND representative.

.5 Hours of Work

- .1 Normal working hours will be 0730 - 1600 hours, Monday through Friday. Any work carried out other than normal working hours must have previous written approval by the Project Authority or designated DND representative.
- .2 Offeror to report to the Project Authority or designated DND representative prior to starting work.
- .3 All work schedules must be submitted to project authority prior to commencement of work.

.6 Reporting Irregularities

- .1 During the work, the Offeror shall notify the Project Authority or designated DND representative of irregularities in the work area such as structural defects, and or any other defects which are discovered and are beyond the scope of work.

.7 Workmanship

- .1 Workmanship will be of the highest quality, executed by workers experienced and skilled for the respective duties for which they are employed. Immediately notify the Project Authority or designated DND representative if required work is such as to make it impossible to produce required results. Helper ratio is to be in accordance with provincial licensing authority regulations.
- .2 The tradesperson who is actually carrying out the work shall be a journeyman worker. Proof of trade qualification will be requested by the Project Authority or designated DND representative. If no licensing authority is in place, offeror shall provide a minimum of one fully trained worker with a Certificate of Proficiency for the province of Alberta issued by an organization or manufacturer for the execution of the specific work or for the installation of specific materials.
- .3 Workers who do not hold a Journeyman Ticket or Certificate of Proficiency for the province of Alberta will be charged as a labourer.
- .4 All workers on site will be familiar with all safety practices pertaining to general worksite safety and safety in reference to their specific trade and be familiar with Alberta's OH&S regulations.

.8 Supervision

- .1 Provide at the worksite a full time experienced, competent person, capable of and having the authority to speak on Offeror's behalf on day to day routine matters.

.9 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, cut, patch and make good to match existing work.
- .3 Make cuts with clean, true, smooth edges. Make patches inconspicuous in the final assembly.

.10 Protection of Existing Facilities

- .1 The Offeror must take all necessary precautions to ensure against damage to existing facilities or site. Any damage to such facilities as a result of the Offeror's operations shall be repaired or replaced by the Offeror at their expense, prior to completion of the work and submission of invoice.

- .2 Special coverings and protection must be provided to adjacent plants, walls, projections and adjacent work where materials are being removed, installed or hoisted.
- .3 The Offeror will protect all occupant owned furnishings and equipment, and the building from damage during execution of the work.
- .4 Where the Project Authority or designated DND representative considers it necessary, Offeror to provide and erect warning signs and barriers.

.11 Temporary Services

- .1 DND may provide free of charge, temporary electric power and water for construction purposes subject to the following terms:
 - .a The points of delivery and limits on quantities available shall be determined on site by the Project Authority or designated DND representative, whose written permission must be obtained before any connection is made.
 - .b From the point of delivery the Offeror shall provide, at their own expense, all equipment and temporary lines to bring these services to the site of work. Equipment and temporary lines shall be installed and operated in a manner approved by the Project Authority or designated DND representative.
- .2 The supply of temporary services by DND is subject to DND requirements and may be discontinued by the Project Authority or designated DND representative at any time without notice to the Offeror and the Crown will not accept any liability for any damage or delay caused by such withdrawal of temporary services.

.12 Completion Time

- .1 All work shall be completed within a reasonable time frame as mutually agreed to by the Project Authority or designated DND representative and Offeror at the time of Call-up and as stated on the completed Call-up Against a Standing Offer.

.13 Invoice

- .1 All invoices are to be submitted within five (5) working days of work completion and be prepared using the basis of pricing of the standing offer.
- .1 Invoice to be in triplicate with the following information
 - .a Date Started
 - .b Date Completed
 - .c Requisition Number
 - .d Work Order Number
 - .e Material list, cost plus markup
 - .f Sub Total
 - .g GST
 - .h Total

.14 Quotes

- .1 Offeror to provide a complete and detailed cost estimate for each project. All quotes will be firm and include a breakdown of labour, material and associated costs. All quotes are subject to approval by DND prior to commencement of work.

.15 Warranty

- .1 The offeror will warranty all materials and work for a period of twelve (12) months after date of acceptance. If at any time during this period, any portion of the work requires repairs by reason of faulty material or workmanship, the DND must notify the offeror that such repairs are necessary and must define the amount and nature of the work to be done in order to rebuild it. If the offeror does not cause such repairs to be completed within ten (10) calendar days after such notice, the DND will have the right to purchase the materials and employ workers to execute the repairs and the cost will be borne by the Contractor.

.16 Permits

- .1 Offeror shall be in possession of a valid dig permit issued by the DND prior to commencement of excavations or like works. Hand digging is mandatory when working in close proximity of any underground utility.
- .2 Contractor shall be in possession of a valid Hot Work Permit issued by the DND when performing any cutting, welding or soldering using an open flame.
- .3 All Permits required will be issued once proper signatures are obtained for each individual CF 942 call-up against the standing offer, it is the Offeror's responsibility to obtain dig clearance from Alberta 1 Call prior to obtaining final signature approvals from DND.

.17 Tools

- .1 Tradespeople will have, on site, all required tools normally associated with the trade in which they are employed and which are required to complete the requested work.

.18 Equipment

- .1 Offeror to supply all equipment (backhoe, haulage trucks, etc.) complete with competent operator.

Safety Requirements

.1 Fire Safety Plan

- .1 Offeror and their employees shall familiarize themselves with the area in which they are working, making note of locations for alarm stations, hose cabinets, exits, telephones and the like.

.2 Construction Safety Measures

- .1 Observe construction safety measures of National Building Code 2000, Part 8, Provincial Government, Workers' / Workman's Compensation Board and Municipal Authority.

.3 Base Fire Hall Telephone Numbers are:

- .1 Emergency: local 4333 or 9-9-1-1- from a base phone.
- .2 Information: local 4434

.4 WHMIS

- .1 Comply with requirements of Workplace Hazardous Materials Information System (WHMIS) regarding use, handling, storage and disposal of hazardous materials and regarding labeling and provision of material safety data sheets acceptable to Labour Canada and Health & Welfare Canada.
- .2 Deliver copies of WHMIS to Project Authority or designated DND representative upon the delivery of materials.

.5 Fires

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

Fire Safety Requirements

1. Fire Safety Plan

- .1 Offeror's and their personnel will be familiar with this section and its' requirements.

2. Fire Department Briefing

- .1 The Project Authority or designated DND representative shall coordinate arrangements for the Contractor to be briefed on Fire Safety at their pre-work conference by the Fire Chief, before any work is commenced.

3. Reporting Fires

- .1 Know the location of the nearest fire alarm box and telephone, including the emergency phone number.
- .2 Report immediately all fire incidents to the Fire Department as follows:
 - .a Activate nearest fire alarm box, or
 - .b Telephone.
- .3 Person activating fire alarm box shall remain at the box to direct Fire Department to scene of fire.
- .4 When reporting a fire by telephone, give location of fire, name or number of building and be prepared to verify location.

4. Interior and Exterior Fire Protection and Alarm System

- .1 Fire protection and alarm systems will not be:
 - .a obstructed
 - .b shut off
 - .c Left inactive at the end of working day or shift without notification and authorization from the Fire Chief or their representative.
- .2 Fire Hydrants, standpipes and hose systems will not be used for other than fire fighting purposes unless authorized by the Fire Chief.

5. Fire Extinguishers

- .1 The offeror must supply fire extinguishers, as scaled by the Fire Chief, necessary to protect, in an emergency, the work in progress and the offerors physical plant on site.

6. Blockage of Roadways

- .1 The Fire Chief shall be advised of any work that will impede fire apparatus responses. This involves violation of minimum overhead clearance as prescribed by the Fire Chief, erecting of barricades and the digging of trenches.

7. Smoking Precautions

- .1 Although smoking is not permitted in hazardous areas, care must still be exercised in the use of smoking materials in non-restricted areas.

8. Rubbish and Waste Materials

- .1 Rubbish and waste materials are to be kept to a minimum
- .2 The burning of rubbish is prohibited unless approved by Fire Chief
- .3 Removal:
 - .1 All rubbish shall be removed from the work site at the end of the work day or shift or as directed.
- .4 Storage
 - .a Extreme care is required where it is necessary to store oily waste in work areas to ensure maximum possible cleanliness and safety.
 - .b Greasy or oily rags or materials subject to spontaneous combustion will be deposited and kept in approved receptacle and removed.

9. Flammable Liquids

- .1 The handling, storage and use of flammable liquids are to be governed by the current National Fire Code of Canada.
- .2 Flammable liquids such as gasoline, kerosene and naphtha may be kept for

ready use in quantities not exceeding 20 litres provided they are stored in approved safety cans bearing the Underwriter's Laboratory of Canada or Factory Mutual seal of approval. Storage of quantities of flammable liquids exceeding 20 ltr. for work purposes requires the permission of the Fire Chief.

- .3 Transfer of flammable liquids is prohibited within buildings.
- .4 Transfer of flammable liquids will not be carried out in the vicinity of open flame or any type of heat producing device.
- .5 Flammable liquids having a flash point below 38 degree C such as Naphtha or gasoline will not be used as solvents or cleaning agents.
- .6 Flammable waste liquids, for disposal, must be stored in approved containers located in a safe ventilated area. Quantities are to be kept to a minimum and the Fire Department is to be notified when disposal is required.

10. Hazardous Substances

- .1 If the work entails the use of any toxic or hazardous materials, chemicals, and/or explosives, or otherwise creates a hazard in accordance with the National Fire Code of Canada.
- .2 The fire chief is to be advised and a "Hot Work" Permit issued in all cases involving welding, burning or in the use of blow torches and salamanders, in buildings or facilities. Special precautions are necessary to safeguard life and property from damage by fire or explosives.
- .3 Wherever work is being carried out in dangerous or hazardous areas involving the use of heat, fire watchers, equipped with sufficient fire extinguishers shall be provided. The determination of dangerous or hazardous areas along with the level of precaution necessary for Fire Watch shall be at the discretion of the Fire Chief. Contractors are responsible for providing fire watch service for their work on a scale established and in conjunction with the Fire Chief at the pre-work conference.

11. Questions and Clarifications

- .1 Any question or clarification on Fire Safety in addition to the above requirements shall be directed to and cleared through the Fire Chief.

Environmental Protection

.1 Open Fires

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

.2 Disposal of Wastes

- .1 Burying of rubbish and waste materials on site is not permitted
- .2 Do not dispose of waste or volatile materials such as mineral spirits, oil, acid, or paint thinner into waterways, storm or sanitary sewers.

Materials & Equipment

1. General

- .1 Use new materials unless otherwise approved by Project Authority or designated DND representative.

2. Manufacturer's Instructions

- .1 Unless otherwise specified, comply with manufacturer's latest printed instructions for material and installation methods.
- .2 Notify Project Authority or designated DND representative in writing of any conflict between these specifications and manufacturer's instructions. Project Authority or designated DND representative will designate, in writing, which document is to be followed.

3. Delivery and Storage

- .1 Deliver, store and maintain packaged materials with manufacturer's seals and labels intact.
- .2 Prevent damage, adulteration and soiling of materials during delivery, handling and storage. Immediately remove rejected materials and equipment from site.
- .3 Store materials and equipment in accordance with supplier's instructions.
- .4 Touch up damaged factory finished surfaces to Project Authority or designated DND representative satisfaction.

4. Fastenings

- .1 Fastenings which cause spalling or cracking of material to which anchorage is made are not acceptable.

5. Reusable Masonry Building Components

- .1 Where the Project Authority or designated DND representative decides that they will reuse existing sill, caps, etc., these items will be handled with care, cleaned as required and reset as conditions demand.

Cleaning

1. General

- .1 Conduct cleaning and disposal operation to comply with local ordinances.

- .2 Store volatile waste in covered metal containers, and remove from premises at end of each working day.
- .3 Provide adequate ventilation during use of volatile or noxious substances. The use of the building ventilation system is not permitted for this purpose.

2. Materials

- .1 Use only cleaning materials recommended by manufacturer of surface to be cleaned, and as recommended by cleaning material manufacturer.

3. Cleaning during Construction

- .1 Maintain project grounds, and public properties free from accumulations of waste materials and rubbish.
- .2 Broom clean smooth floors and paved surfaces, vacuum construction dust from carpeting; rake clean other surfaces of grounds. Keep work areas clean and tidy, on a daily basis, to the complete satisfaction of the Project Authority or designated DND representative.
- .3 Remove grease, dust, dirt, stains, labels, fingerprints and other foreign materials from interior and exterior finished surfaces including glass and other polished surfaces.
- .4 Remove waste materials and rubbish from crawl spaces and other accessible concealed areas.

4. Final Cleaning

- .1 All surrounding walls and surfaces shall be protected during work and any damaged or soiled surfaces shall be cleaned and/or repaired to their original finish to the satisfaction of the Project Authority or designated DND representative.
- .2 Do not bury rubbish and waste materials on site unless approval is granted by Project Authority or designated DND representative.
- .3 Do not dispose of waste or volatile materials such as mineral spirits, oil or paint thinner into waterways, storm or sanitary sewers.
- .4 Remove all Construction waste materials off DND property to the complete satisfaction of the Project Authority or designated DND representative.

Execution of work

1. Preparation

- .1 Inspect site and verify with Project Authority or designated DND representative items designated for removal and items to remain.

1.2 Removal

- .1 Do not disturb adjacent items designated to remain in place.
- .2 Concrete to be removed to nearest marked joint.
- .3 Square up adjacent surfaces to remain in place by saw cutting or other method approved by Project Authority or designated DND representative.
- .4 Protect adjacent joints and load transfer devices.
- .5 Remove only sufficient adjoining sod and /or asphalt road surface as required for proper installation of form work.
- .6 Protect underlying granular materials, replace with new as required.

1.3 Disposal of Material

- .1 DND Waste Area:
 - 1. Disposal of excess clean excavated material to the DND Waste Area is permitted with prior approval from the Project Authority or designated DND representative. Unapproved materials are to be disposed off DND property.
 - .2 Disposal of concrete and/or asphalt rubble to the DND Waste Area is permitted with prior approval from the Project Authority or designated DND representative. Concrete and asphalt rubble is to be placed into separate piles at the Waste Area as directed by the Project Authority or designated DND representative.
- .2 It is the Contractor's responsibility to ensure compliance with local environmental disposal regulations.

1.4 Traffic Provisions

- .1 Provide and maintain roadways, walkways and detours, for vehicular and pedestrian traffic, as required for the work on this project, to the satisfaction of the Project Authority or designated DND representative.

1.5 Materials

- .1 Concrete: Ready mixed to CAN3-A23.1-M90, designed to produce 30 MPa at 28 days using type 10 Portland Cement with maximum 19 mm nominal size coarse aggregate, slump at point and time of discharge maximum 51 mm, minimum 38 mm. Air entrained to CAN3-A23.1-M90.
- .2 Reinforcing Steel: billet steel, grade 300, deformed bars to CSA G30.12, unless otherwise indicated.
- .3 Welded Steel Wire Fabric: to CSA G30.5, 150 x 150 P 18.7/P18.7 gauge. Provide in flat sheets only.
- .4 Chairs, Bolsters, Bar Supports, Spacers: to CAN/CSA-A23.1.
- .5 Curing compound: to CAN/CSA-A23.1; colour - white, appropriate type to suit application requirements.
- .6 Granular Fill: maximum 19 mm crushed gravel, minimum 150 mm deep under walks; minimum 200 mm deep under slabs, curbs and gutters.
- .7 Formwork Lumber: Plywood and wood formwork materials to CAN/CSA-086.1.
- .8 Form Release Agent: Non-staining mineral type form release agents containing compounds that react with free lime to provide water soap.
- .9 Non-shrink Grout: Premixed compound consisting of nonmetallic aggregate, Portland Cement, water reducing and plasticizing agents, capable of developing compressive strength of 50 MPa at 28 days.

1.6 Site Preparation

- .1 Remove obstructions, ice and snow, from area to be excavated within limits indicated.
- .2 Cut pavement, sidewalk or curb and gutter neatly along limits of proposed excavation in order that the surface may break evenly and cleanly.

1.7 De-watering

- .1 Keep excavation free of water while work is in progress.
- .2 Protect open excavation against flooding and damage due to surface runoff.
- .3 Dispose of water in a manner not detrimental to public and private property.

Part 3 Execution

3.1 Removals

- .1 Excavate to lines, grades, elevations and dimensions as indicated and laid out by the Project Authority or designated DND representative.
- .2 Where existing concrete and/or asphalt surface and base is to be excavated, the cut face should be straight and vertical. The hole should be shaped so that a square shoulder in the direction of traffic is provided against which the new concrete and/or asphalt can be placed. Excavate to depth specified or as directed by Project Authority or designated DND representative, removing deteriorated base and sub-base material.
- .3 Dispose of excess clean excavated material and concrete and/or asphalt rubble as identified in Para 1.3 Disposal of Material.
- .4 Erect warning signs and barricades around open excavations.
- .5 Do not obstruct flow of surface drainage or natural watercourses.

3.2 Compaction and Finishing Sub-Grade/Granular Materials

- .1 Remove soft or other unsuitable material that will not compact properly and fill resulting depressions with 19mm granular material as specified. Sub-grade repairs and granular placement require the approval of the Project Authority or designated DND representative prior to proceeding with concrete and/or asphalt placement.
- .2 Compact to a minimum of 100% maximum dry density in accordance with ASTM D698 method D. Ensure uniform compaction throughout.
- .3 Provide water or dry material during compaction process to produce moisture content in final surface to within 2% of moisture content at Maximum Density in accordance with ASTM D698 Method D.

3.3 Concrete Placement

- .1 Obtain Project Authority or designated DND representative approval of granular base and reinforcing steel prior to placing concrete.
- .2 Place concrete in accordance with CAN/CSA A23.1
- .3 Use 50 mm pencil vibrators to consolidate concrete.
- .4 Round edges, including edges of joints, to match existing adjacent concrete works.

- .5 Immediately after floating, give sidewalk and curb and gutter surface uniform broom finish to produce regular corrugations not exceeding 2 mm deep, by drawing broom in direction normal to centre line. Provide edging to match adjacent concrete works.

3.4 Tolerances

- .1 Finish surfaces to within 3 mm in 3 m as measured with straightedge placed on surface.

3.5 Joints

- .1 Control Joints: Width, not more than 5 mm wide, 40 - 50 percent of thickness and spaced at not more than 1 meter for sidewalks and 2.5m for concrete slabs.
- .2 Construction Joints:
 1. Use 10M deformed rebar dowel extending at least 300 mm into both sides of the joint. Rebar dowel spacing shall not exceed 400mm on center along the faceoff the joint.
- .3 Where new concrete walks, curb and gutter abut existing walks, steps, landings, curb and gutter, use 10M deformed bars doweled into existing concrete at least 100 mm and grouted with epoxy grout. Bars to extend minimum 300 mm into new work. Space dowel bars maximum 300 mm on centre for walk, step and landing tie-ins; minimum 2 dowel bars for curb and gutter tie-ins, or as directed by Project Authority or designated DND representative.
- .4 When sidewalk is adjacent to curb, make joints of curb, gutters and sidewalks coincide.

3.6 Curing

- .1 Apply curing compound evenly to form continuous film. Follow manufacturer's instructions.

3.7 Backfilling Granular Material

- .1 Do not proceed with back-filling operations until Project Authority or designated DND representative has inspected and approved the excavation and given approval for the back-filling.
- .2 Backfill to designated elevations with material approved by Project Authority or designated DND representative. Compact and shape to required contours to suit existing conditions and satisfy minimum concrete thickness requirements.
- .3 In roadway, allow for minimum 75 mm thick asphalt layer.

- .4 Areas to be backfilled to be free of debris, snow, ice, water and frozen ground.
- .5 Do not use backfill material which contains ice, snow or debris.
- .6 Place granular fill to minimum thickness as specified and as required to bring base of curb and sidewalk to same grade as adjacent areas. Compact to at least 98% of maximum dry density to ASTM D698.

3.8 Restoration

- .1 Upon completion of work, remove surplus materials and debris, trim slopes, and correct defects noted by Project Authority or designated DND representative.
- .2 Reinstate lawns adjacent to new curbs or walks to condition and elevation equal to that which existed prior to commencement of work.