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RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des soumissions -
TPSGC

11 LaurierSt./ 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau

Québec

K1A 0S5

Bid Fax: (819) 997-9776

Revision to a Request for a Standing Offer

Révision à une demande d'offre à commandes

Regional Individual Standing Offer (RISO)

Offre à commandes individuelle régionale (OCIR)

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Offer remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'offre demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Infrastructure Maintenance and Solution Services
Division (FK)

L'Esplanade Laurier,

East Tower 4th Floor

L'Esplanade Laurier,

Tour est 4e étage

140 O'Connor, Street

Ottawa

Ontario

K1A 0R5

Title - Sujet Maintenance Services	
Solicitation No. - N° de l'invitation W857A-21VA02/A	Date 2020-01-27
Client Reference No. - N° de référence du client HAVVA02	Amendment No. - N° modif. 002
File No. - N° de dossier fk304.W857A-21VA02	CCC No./N° CCC - FMS No./N° VME
GETS Reference No. - N° de référence de SEAG PW-\$\$FK-304-78263	
Date of Original Request for Standing Offer Date de la demande de l'offre à commandes originale	
2019-12-19	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-02-03	
Time Zone Fuseau horaire Eastern Standard Time EST	
Address Enquiries to: - Adresser toutes questions à: Dallaire, Maxime	Buyer Id - Id de l'acheteur fk304
Telephone No. - N° de téléphone (613) 296-1437 ()	FAX No. - N° de FAX () -
Delivery Required - Livraison exigée	
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	
Security - Sécurité This revision does not change the security requirements of the Offer. Cette révision ne change pas les besoins en matière de sécurité de la présente offre.	

Instructions: See Herein

Instructions: Voir aux présentes

Acknowledgement copy required Accusé de réception requis	Yes - Oui <input type="checkbox"/>	No - Non <input type="checkbox"/>
The Offeror hereby acknowledges this revision to its Offer. Le proposant constate, par la présente, cette révision à son offre.		
Signature	Date	
Name and title of person authorized to sign on behalf of offeror. (type or print) Nom et titre de la personne autorisée à signer au nom du proposant. (taper ou écrire en caractères d'imprimerie)		
For the Minister - Pour le Ministre		

This amendment 002 is raised to:

1. Replace the Appendix 5 – SUR Code Deselection;
2. Answer questions from offerors and attach the Power point presentation.

1- Appendix 5 – SUR Code Deselection

DELETE the Appendix 5 – SUR Code Deselection, and

REPLACE with the new attached Appendix 5 – SUR Code Deselection

2- QUESTIONS

A number of the trades associated with the work requested in this standing offer are governed by the CCQ. In that context, there is a problem with the list of statutory holidays. If we need to send an electrician or a plumber, for example, to a call or to a job during the construction holidays (two weeks in the summer and two weeks in the winter), we have to pay them overtime (double time). The SUR makes it impossible to compensate for the costs of these salaries unless the percentage of salaries is increased significantly in the bid. In my opinion, if you want to maintain competitive percentages, it is important that these dates be added to the list of statutory holidays in point 4.2 of Annex A so that only emergency work is carried out during that period. EAHRS conditions would apply for service calls on those dates.

CHFA will not add provisions for Quebec construction holidays.

According to article 8.6.5.3, we are entitled to a 10% mark-up on materials not included in the SUR or for work done outside normal working hours (EAHRS). When sub-contractors perform work (e.g., roofing, plumbing) for the general contractor who has the contract, is the general contractor entitled to 10% also for the full invoice of the sub-contractor for administration and profit? At present, all indications are that the general contractor cannot submit an invoice in such a case.

No. 10% surcharge applies to materials only, and does not apply when the work is call up by using the SUR codes. Please note that any charges to CFHA for material must be supported by a receipt from a vendor to be eligible for compensation. 10% will be applied to the material only.

Can the minimum amount of \$80 under article 8.6.5.6 be established by SUR code family rather than by work order? For example, in the same work order, there is an electrician code: EL4700EV – remove and re-install lighting fixture – \$38.30; and a painter code: PT2163EV, 3M2 – \$13.20. Currently, you would pay us \$80 for the full work order. However, it is inconceivable that two different trades would be sent for the stated price. No painter or electrician would go out for \$13 or \$30. In my opinion, it is essential to give the minimum amount to the painter and the minimum amount to the electrician, for a total of \$160 for this work order. In the past, each trade had its own standing offer so each would receive the minimum call amount. By grouping the trades together (CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL) under the same standing offer, this element was not taken into consideration and should be revised.

CFHA has experience with Standing Offers for a bundle of multiple trades where the minimum call up was \$50. Given our experience, the minimum call up amount was increased to \$80. The minimum call up amount will be applied to each call up, and not per trades that may be raised on a call up.

Payment for after-hours work (article 8.6.6).... Under this article, work is paid at the regular rate x 1.5 + travel time at single time for calls outside normal working hours. Given that the CCQ collective agreement provides that workers are to be paid double time, including travel at double time, for service calls outside normal working hours and given the shortage of workers, I believe that this article needs to be adjusted if you want efficient service. Currently, as a contractor, losses are to be expected for each service call outside normal working hours because full employment means that workers will not go on a service call unless there is a minimum of three hours at double time. This situation could lead to a deficient emergency response service because the amount proposed does not match the reality of the current market.

The rate for the work outside of the normal working hours will remain at a rate of 1.5 of the bidder's hourly rate.

At the level of the LTU code list there is the PC (Insect Control) code series ... This type of work does not appear in the submission form and in the Statement of Work sections. Are these codes part of the contract or should this list of unit rates be removed from the contract?

Pest Control Trade is excluded from the scope of the Standing Offer.

In the CFHA presentation, the HA code (heating and air conditioning) was part of this invitation to tender. However, I do not have a list of rates and quotes associated with this work in Appendix 6 ... I also did not see an hourly rate or a percentage in the bid schedule. Is it possible to confirm whether these works are part of the tender or will it be treated independently?

There is an error in the CFHA presentation on slide 9. At HSC Valcartier the trade of Heating (HA) is excluded. Please refer to the RFSO Annex A SOW for the accurate requirement scope.

- 1) The set of check sheets in Appendix 7 are part of which trade? Would it be possible to know under what conditions we must complete them and if there is a code associated with them (PL1000FV, EL1000FV, etc.)**

Inspection Checklists in Appendix 7 are applicable to the following trades and Schedule of Unit Rate (SUR) codes:

7.1 Above Ground Heating Oil Storage – HA SUR HA2398

7.2 Air Conditioner – HA SUR HA1240

7.3 Air Exchanger – HA SUR HA1057, HA1035, HA1036, HA1046, HA1051, HA1057

7.4 Back Water Valve – PL SUR PL4813

7.5 Boiler - HA SUR HA1044 and PL SUR PL5220

7.6 Chimney Factory – HA SUR HA1032

7.7 Chimney Masonry – MA SUR MA1605, MA1610

7.8 Fireplace Gas – HA SUR HA1067

7.9 Fireplace Wood – MA SUR MA1605, MA1610

7.10 Flow Through Sprinkler System - PL SUR PL4770

7.11 Furnace Electric – HA SUR HA1036, HA1045, HA1046, HA1056

7.12 Furnace Gas – HA SUR HA1036 HA1045, HA1046, HA1056

7.13 Furnace Oil – HA SUR HA1035, HA1050, HA1051, HA1040,

7.14 Heat Pump Air to Air – HA SUR HA5070, HA5080

7.15 Hot Water Tank Electric – HA SUR HA1045, HA1050, HA1046, HA1051 and PL SUR PL5205

7.16 Hot water Tank Gas – HA SUR HA1045, HA1050, HA1046, HA1051, HA2399 and PL SUR PL5205

7.17 Hot Water Tank Oil – HA SUR HA1045, HA1050, HA1046, HA1051 and PL SUR PL5205

7.18 Smoke and Carbon Monoxide Detector – EL SUR EL6550 and HA SUR HA2391

7.19 Sump pump - PL SUR PL 5250, PL4770

7.20 Water Heater on Demand Electric – HA SUR HA1045, HA1050, HA1046, HA1051 and PL SUR PL5205

7.21 Water Heater on Demand Gas – HA SUR HA1045, HA1050, HA1046, HA1051 and PL SUR PL5205

Please note there is no minimum or maximum usage implied by these codes and checklists. The scope of work for each inspection is available in the associated trade specification.

The set of check sheets in Appendix 7 are part of which trade? Would it be possible to know under what conditions we must complete them and if there is a code associated with them (PL1000FV, EL1000FV, etc.)



Request for Standing Offer for CFHA Responsive Maintenance

December 2019



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Canadian Forces Housing Agency (CFHA) – MANDATE



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CFHA delivers DND's Residential Housing Program

- Established as a Special Operating Agency (SOA) within DND in 1996
- Manages, operates and maintains the DND housing portfolio, which comprises 11,665 Crown-owned and leased Residential Housing Units (RHUs) at 27 locations across Canada
 - Housing portfolio totals 40% of DND buildings
 - Majority constructed in the 1950s/60s and are mostly single and semi-detached homes, with 3- and 4-bedrooms
- CFHA is responsible for allocations, rent setting and collections, occupant relations, and all real property functions for the DND housing portfolio
- CFHA's primary customers are members of the Canadian Armed Forces (CAF) and their families
- Approximately 20% of CAF members occupy DND housing

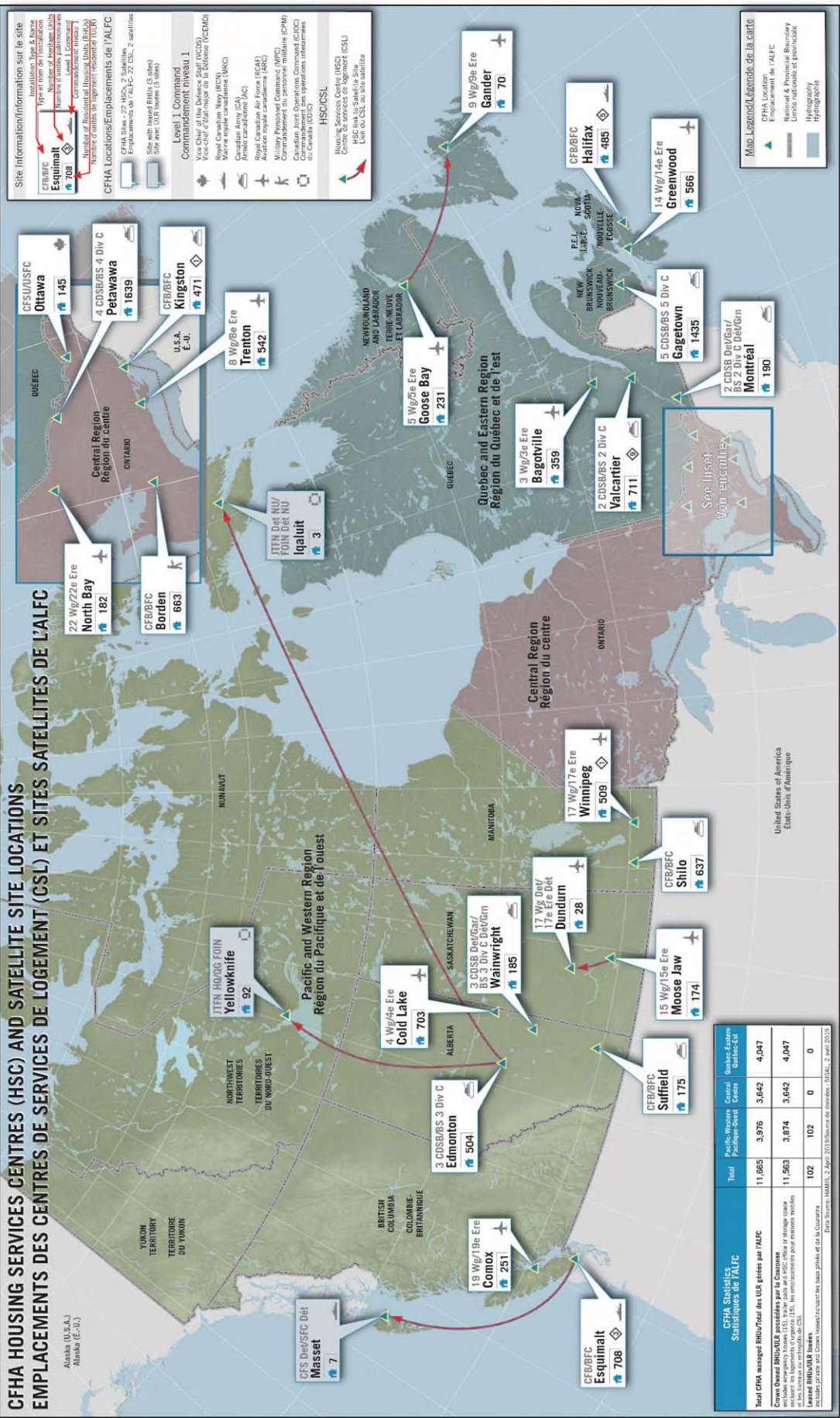


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CFHA National Map

CFHA HOUSING SERVICES CENTRES (HSC) AND SATELLITE SITE LOCATIONS EMPLACEMENTS DES CENTRES DE SERVICES DE LOGEMENT (CSL) ET SITES SATELLITES DE L'ALFC



CFHA Portfolio



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	Site*	Province	Residential Housing Unit (RHU) Type					Total Units**
			Apartment Units		Row Units	Semi-Detached Units	Single Units	
1	Bagotville	QC	6	132	128	93	359	
2	Borden	ON	12	12	480	171	663	
3	Cold Lake	AB	18		472	213	703	
4	Comox	BC	8	81	110	52	251	
5	Dundurn	SK			4	24	28	
6	Edmonton	AB			301	203	504	
7	Esquimalt	BC		95	337	276	708	
8	Gander	NL		6	16	48	70	
9	Goose Bay	NL		88	108	35	231	
10	Greenwood	NS		94	175	297	566	
11	Halifax	NS	158	14	116	197	485	
12	Kingston	ON	144	12	176	139	471	
13	Montreal	QC			96	94	190	
14	Moose Jaw	SK	6	37	119	12	174	
15	North Bay	ON		16	130	36	182	
16	Ottawa	ON		10	72	63	145	
17	Shilo	MB	30	116	288	203	637	
18	Suffield	AB			2	173	175	
19	Trenton	ON			240	308	548	
20	Valcartier	QC	107	333	161	110	711	
21	Wainwright	AB		120	60	5	185	
22	Winnipeg	MB		95	202	212	509	

*Excludes Gagetown, Petawawa, and satellite sites. ** The number of RHUs in a portfolio may fluctuate



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Maintenance Services Requirement



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- ☐ Operations and maintenance
- ☐ Repairs
- ☐ Responsive maintenance
- ☐ Lifecycle

Requirement: Maintenance Trades

		TRADE NAME
1	CF	Concrete and Foundation
2	AS	Asphalt
3	MA	Masonry
4	CP	Carpentry
5	RF	Roofing
6	HF	Hardwood Flooring
7	PT	Painting
8	VC	Resilient Tile, Sheet Flooring & Carpet
9	HZ	Hazardous Materials Abatement
10	CL	Cleaning
11	HA	Heating and Air Conditioning
12	PL	Plumbing
13	EL	Electrical
14	GC	Grass cutting
15	LA	Landscaping
16	SN	Snow Removal

Excluded from the scope are Pest Control (PC) and Hazmat Consultant (HC) trades



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Contracting Tool and Trades Combinations

Contracting Tool:

Standing Offer was determined to be the most flexible instrument for the requirement.

Most standing offers are established for multiple trades in an effort to improve CFHA service delivery and achieve the following goals:

- Reduce administration;
- Have one point of contact and one point of responsibility;
- Expedite service delivery time.
- Achieve consistent level of service across all CFHA HSC.



Requirement: Maintenance Services Standing Offers

Standing Offers:

- Are established at 22 CFHA HSC locations
- Can be for an individual trade or combination of several
- Duration: 2 year initial period + 2 option years (1 year + 1 year)
- SURs line items are selected by sites
- SURs price is determined by applying the bid percentage to the base price (as per contractor's bid)
- Work can be split between 2 or more contractors
- May have a contractor with 0% of work allocated (on a standby)



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Maintenance SOs 2020-2024

Site		SO # OC	Trades/Métiers
Borden		W3702-20BN01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Kingston		W3713-20KN01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
North Bay		W857A-21NB01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Ottawa		W3719-21WA01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Trenton		W857A-21TR01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Bagotville		W3701-21BA01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, EL, GC, LA, SN
Bagotville		W3701-21BA02/A	PL
Gander		W3709-21GR01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Goose Bay		W3710-21GB01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL
Goose Bay		W3710-21GB02/A	GC, LA, SN
Greenwood		W3711-21GW01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Halifax		W3712-21HX01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Montreal		W3716-20ML01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Montreal		W3716-20ML02/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Montreal		W3716-21ML03/A	HA
Montreal		W3716-21ML04/A	PL
Montreal		W3716-21ML05/A	EL
Valcartier		W857A-21VA01/A	GC, LA
Valcartier		W857A-21VA02/A	CF, AS, MA
Valcartier		W857A-21VA03/A	CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL
Valcartier		W857A-21VA03/A	GC, LA, SN

CFHA

Maintenance SOs 2020-2024



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Site	SO # OC	Trades/Métiers
Cold Lake	W3704-20CL01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Comox	W3705-21CX01/A	CF, AS, MA, CP, RF, HF, PT, VC, CL, HA, PL, EL
Comox	W3705-21CX02/A	HZ
Comox	W3705-21CX03/A	GC, LA, SN
Dundurn	W857A-21DN01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Edmonton	W3706-21ED01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Esquimalt	W3707-21ES01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, GC, LA, SN
Esquimalt	W3707-21ES02/A	HA, PL, EL
Moose Jaw	W3717-21MJ01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL
Moose Jaw	W3717-21MJ02/A	HA, PL
Moose Jaw	W3717-21MJ03/A	EL
Moose Jaw	W3717-21MJ04/A	GC, LA, SN
Shilo	W3721-21SL01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN
Suffield	W3723-21SD04/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL
Suffield	W3723-21SD05/A	GC, LA, SN
Wainwright	W857A-20WR01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL
Wainwright	W857A-20WR02/A	HA, PL
Wainwright	W857A-20WR03/A	EL
Wainwright	W857A-20WR04/A	GC, LA, SN
Winnipeg	W857A-21WG01/A	CF, AS, MA, CP, RF, HF, PT, VC, HZ, CL, HA, PL, EL, GC, LA, SN



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Annex A Statement of Work



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The requirement is described in RFSO Annex A Statement of Work:

- ☐ Statement of Work
- ☐ Appendix 1 Glossary of Terms
- ☐ Appendix 2 Customer Care Requirements
- ☐ Appendix 3 Safety Requirements
- ☐ Appendix 4 Waste Reporting Form
- ☐ Appendix 5 Schedule of Unit Rates
- ☐ Appendix 6 Schedule of Unit Rates Specification
- ☐ Appendix 7 Maintenance Inspection Checklists

Also included :

- Site Map
- SUR Historical Usage report



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Requirement - SURs



- Requirement is to facilitate maintenance work is expressed by the Schedule of Unit Rates codes (SUR) for each trade.
- SUR codes essentially contain all the work one can do to house components.
- Roughly 6000 line items (3000 English and 3000 French).
- Is available in both official languages.
- Have detailed specifications that includes scopes, units of measure, etc.
- Have baseline cost
- Updated every four years

SUR Structure

Work for each construction trade is defined by:

- Schedule of Unit Rates (SUR) (SOW Appendix 5)
 - General Description
 - Basic price
- Specifications
(SOW Appendices 6.1-6.17)

SOR Code	SOR Description	Unit Cost of Schedule Item
CL1000EQ	Inspect and report on work required.	42.56
CL1000FQ	Travaux requis : inspecter et faire rapport.	42.56
CL1001EQ	Coordination of multi-trade, multi-contractor tasks, per residence, per day of project activity.	42.56
CL1001FQ	Coordination des tâches liées à plusieurs corps de métiers et à plusieurs entrepreneurs, par résidence, par jour de projet.	42.56
CL1010EQ	Furniture, clean & polish where necessary, per residence.	82.79
CL1010FQ	Meubles, par résidence : nettoyer et polir au besoin.	82.79
CL1020EQ	Attic, sweep out, any size.	17.24

Price Adjustment: CPI application



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To allow for inflation and other economical factors price adjustment will be made in accordance with the percentage change in the Bank of Canada CORE Consumer Price Index (CPI):

- The price adjustment will apply to the Schedule of Unit Rates (SUR), hourly rate(s) and unit prices,
- Will take place twice: if and when Option 1 and if and when Option 2 is exercised.
- The first adjustment is calculated as the percentage change in the CPI between the January 2020 and January 2022
- The second adjustment is calculated as the percentage change in the CPI between January 2022 and January 2023
- The price adjustment will be in effect during the Option periods only (first one April 1, 2022 –Mar 31, 2023, second one April 1, 2023 – March 31, 2024)



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Annual Work Planning



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- ☐ CFHA occupants move most frequently during the months of April to September annually. This is called our Active Posting Season.
- ☐ The timing for work and resourcing is critical during this time period.
- ☐ This is not to say that CFHA is not busy during the remaining months of the year.
- ☐ SUR historical usage provided within one of the annexes can be utilized to assist you in structuring your business plans, required resources and bid submissions.

Requirement: Work Hours (ref. SOW para 4.2)



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- Monday to Friday (excluding statutory holidays) 8 am to 5 pm
- Response Times
 - The Contractor must be on site fully prepared to undertake the work and /or working within the priority response time
 - Priority 1 Respond within 1 hour
 - Priority 2 Respond within 24 consecutive hours
 - Priority 3 Respond within 7 calendar days
 - Priority 4 Respond within 14 calendar days
 - Priority 5 Respond within 28 calendar days
 - Priority 6 Respond as specified on the Call-up.



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Requirement: Statutory Holidays (ref. SOW 4.1.2)

1. New Year's Day – January 1
2. Good Friday
3. Easter Monday
4. Victoria Day – First Monday preceding May 25
5. Quebec National Holiday – June 24 (Province of Quebec only)
6. Canada Day – July 1
7. Civic Holiday (first Monday of August in British Columbia, New Brunswick, Northwest Territories, Nunavut, and Saskatchewan, Alberta, Manitoba, Ontario, Nova Scotia, Prince Edward Island)
8. Labour Day – First Monday in September
9. Thanksgiving Day – Second Monday in October
10. Remembrance Day – November 11
11. Christmas Day – December 25
12. Boxing Day – December 26



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Requirement: Emergency Work (ref. SOW 4.2.4)



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Emergency Work

- ☐ Urgent or Emergency work during regular working hours will be identified as Priority 1 Work (1 hour response time).
- ☐ Urgent or Emergency work that was started during normal hours and that is required by the Technical authority to continue beyond normal hours will be treated as after-hours work.
- ☐ The work performed beyond normal hours will be compensated at the after-hours hourly rate.
- ☐ Urgent or Emergency work excludes work done by choice of the Contractor outside normal working hours.

Emergency After Hours Response Service (EAHRS) (ref. SOW 4.2.4.4)



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There are 5 EAHRS trades:

- ☐ Carpentry
- ☐ Roofing
- ☐ Heating and air conditioning
- ☐ Electrical,
- ☐ Plumbing

Emergency After Hours Response Service (EAHRS) (ref. SOW 4.2.4.4)



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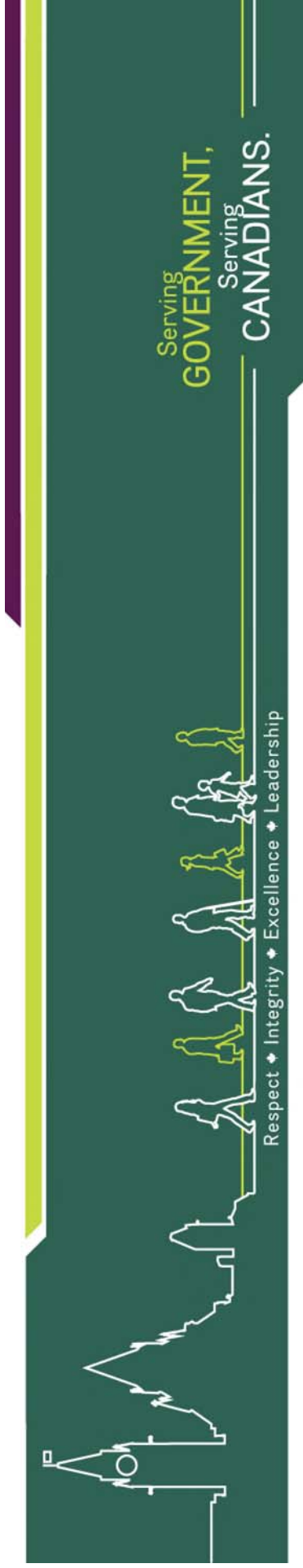
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- Required to provide tradespersons, equipment and materials for emergency repairs 24/7, 365 days per year.
- EAHRS Contractor shall be on location within one hour of notification of a requirement.
- An EAHRS response consists of rendering the situation safe, secure and/or healthy.
- Within 10 minutes of receiving an EAHRS call the contractor shall contact the occupant to obtain further details on the emergency, and if possible fix or render the situation safe while on the telephone with the occupant.



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OFFEROR'S CONFERENCE

Request For Standing Offer RFSO for the provision of Canadian Forces Housing Maintenance Services



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Serving
GOVERNMENT,
Serving
CANADIANS.

Respect ♦ Integrity ♦ Excellence ♦ Leadership

OVERVIEW OF THE REQUEST FOR STANDING OFFER SECTIONS

Solicitation Closes - L'invitation prend fin
at - à 02:00 PM
on - le 2020-02-03

Time Zone
Fuseau horaire
Eastern Standard Time
EST

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

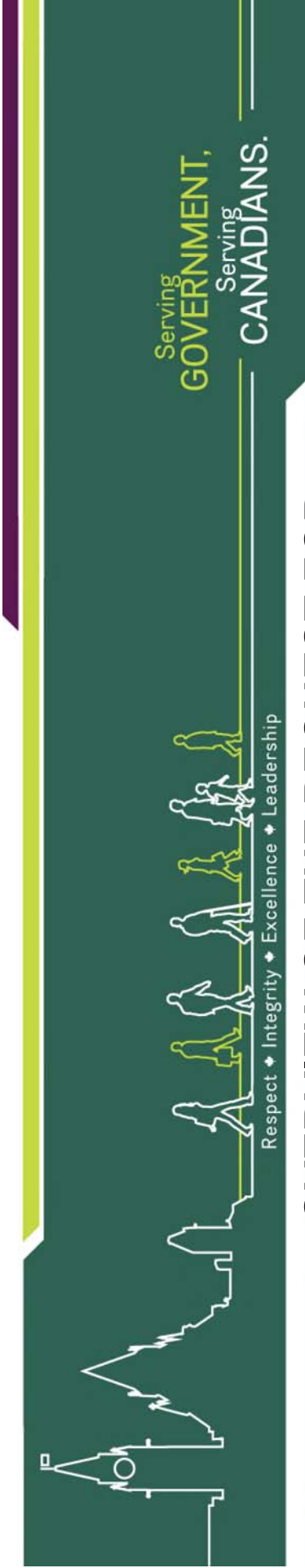
Date



Public Works and
Government Services
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Travaux publics et
Services gouvernementaux
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OVERVIEW OF THE REQUEST FOR STANDING OFFER SECTIONS

Offers must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated in the RFSO.

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

Bid Receiving - PWGSC / Réception des
soumissions - TPSGC
11 LaurierSt./ 11, rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau
Québec
K1A 0S5

Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-02-03	Time Zone Fuseau horaire Eastern Standard Time EST
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Bid Receiving Unit, Procurement Operational
Support Division, telephone 819-420-7200.

Electronic offers are accepted by e-post. Facsimile offers are not accepted.



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OVERVIEW OF THE REQUEST FOR STANDING OFFER SECTIONS

epost Connect service provided by **Canada Post Corporation** :

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

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

Note: Offers will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions [2006](#), or to send offers through an epost Connect message if the bidder is using its own licensing agreement for epost Connect. [08 \(2019-03-04\) Transmission by facsimile or by epost Connect](#) of Standard Instructions [2006](#).

[Late Offers](#) vs [Delayed Offers](#)



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OVERVIEW OF THE REQUEST FOR STANDING OFFER SECTIONS

Standard Instructions

The [2006](#) (2019-03-04) Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the RFSO.

Offers are valid for 180 days.

[Section 18 \(2012-03-02\) Conflict of interest—unfair advantage](#)



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OVERVIEW OF THE REQUEST FOR STANDING OFFER SECTIONS

Offer Preparation Instructions

Hard copies:

- Section I: Technical Offer (three (3) hard copies)
- Section II: Financial Offer (one (1) hard copy)
- Section III: Certifications (one (1) hard copy)
- Section IV: Additional Information (one (1) hard copy)

Electronically:

- Section I: Technical Offer
- Section II: Financial Offer
- Section III: Certifications
- Section IV: Additional Information





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OVERVIEW OF THE REQUEST FOR STANDING OFFER SECTIONS

Offer Submission Forms Overview

Section I: Technical Offer

Mandatory Technical Criteria: Refer to Attachment 1 to Part 4.

MT1: Organizational experience in the related field

MT2: References

MT3: Ability to meet response times

MT4: Qualified workforce

The Phased Bid Compliance Process will apply to all mandatory technical criteria.

Offers which fail to meet the mandatory technical criteria will be declared non-responsive.



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OVERVIEW OF THE REQUEST FOR STANDING OFFER SECTIONS

Bid Submission Forms Overview

Section II: Financial Offer

Financial Evaluation

- The evaluated price of an offer will be determined in accordance with the Pricing Schedule detailed in Attachment 1 to Part 3. The evaluated price is the sum of all Percentage Offers.
- Where a quoted hourly rate is found to be significantly lower or higher than the average quoted hourly rate for a given trade at a given location, PSPC reserves the right to negotiate the hourly rate with the Offeror prior to SO award. Once SO is awarded, the price shall remain firm for a period of the SO.



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OVERVIEW OF THE REQUEST FOR STANDING OFFER SECTIONS

Bid Submission Forms Overview

Section III: Certifications

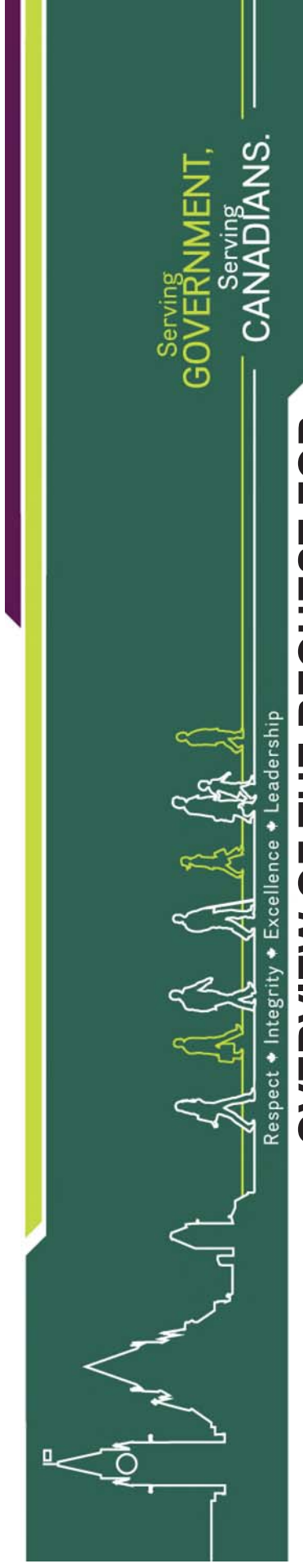
- 5.1.1- Integrity Provisions - Declaration of Convicted Offences, if applicable
- 5.2.1- Integrity Provisions: List of names
- 5.2.2 Federal Contractors Program for Employment Equity - Standing Offer Certification
- 5.3.1- Status and Availability of Resources
- 5.3.2- Education and Experience



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OVERVIEW OF THE REQUEST FOR STANDING OFFER SECTIONS

Section IV: Additional information

- Legal name
- PBN
- Contact person
- Part 2, article 3, Former Public Servant, of the Request for Standing Offer: the required answer to each question; and, if the answer is yes, the required information;





OVERVIEW OF THE REQUEST FOR STANDING OFFER SECTIONS

➤ Basis of selection

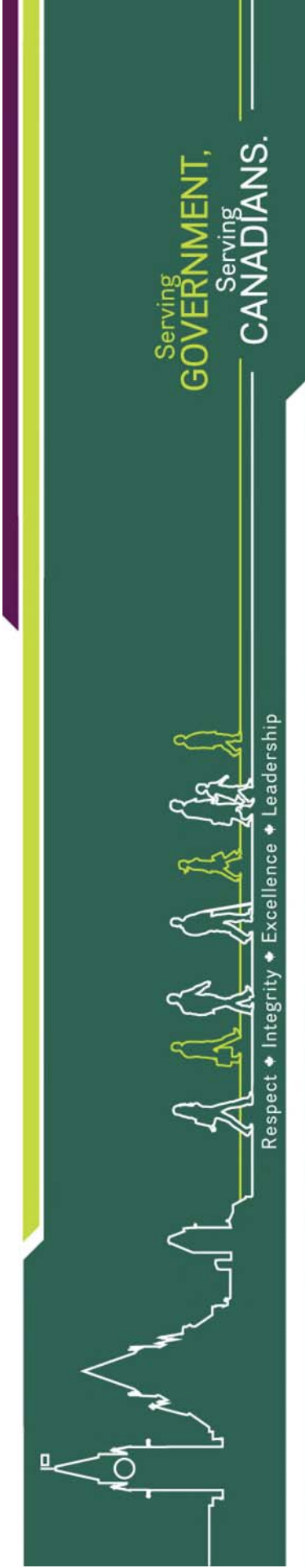
An offer must comply with the requirements of the Request for Standing Offers and meet all mandatory technical evaluation criteria to be declared responsive. The selection shall be based on the sum of the Percentage Offers for all the trades. The two (2) OR three (3) responsive offers with the lowest evaluated price will be recommended for issuance of a standing offer.



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- The full RFSO copy; amendments and attachments are available online at:
<https://buyandsell.gc.ca/>

Solicitation Documents					
File	Amendment number	Language	Unique Download Event (English page)	Date added	
ABES.PROD.PW_FK.B290.E76575.EBSU000.PDF	000	English	310	2019-03-04	
ABES.PROD.PW_FK.B290.F76575.EBSU000.PDF	000	French	31	2019-03-04	
ABES.PROD.PW_FK.B290.E76575.EBSU001.PDF	001	English	47	2019-03-19	
ABES.PROD.PW_FK.B290.F76575.EBSU001.PDF	001	French	5	2019-03-19	
ABES.PROD.PW_FK.B290.E76575.EBSU002.PDF	002	English	39	2019-03-20	
ABES.PROD.PW_FK.B290.F76575.EBSU002.PDF				-03-20	
Attachments					
File	Amendment number	Language			
appendi x a-appendice a.zip	Not available	Bilingual			
annexes.zip	Not available	Bilingual			





STANDING OFFER CLAUSES

[2005 \(2017-06-21\) General Conditions - Standing Offers - Goods or Services, apply to and form part of the Standing Offer.](#)

Section 06 (2014-09-25) Withdrawal

the Offeror must provide no less than 30 days' written notice to the Standing Offer Authority

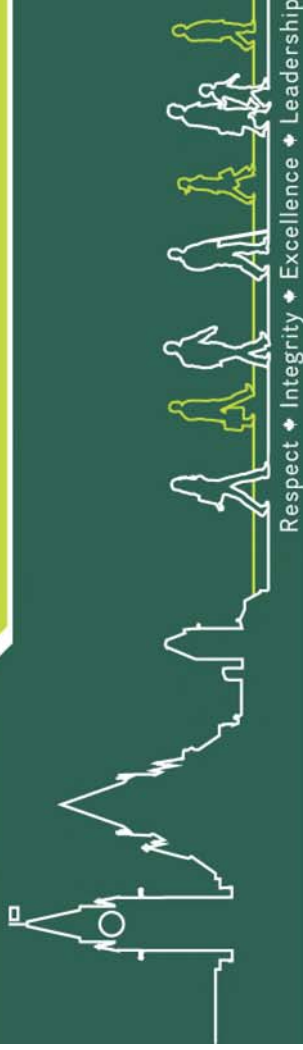
the Offeror that voluntarily withdraws from the SO will not be allowed to resubmit interest on the same SO for the duration of that SO



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STANDING OFFER CLAUSES

Period of the Standing Offer

2 years plus two (2) additional 1 year optional periods

Security

There is no security requirement applicable to the Standing Offer.

Identified Users

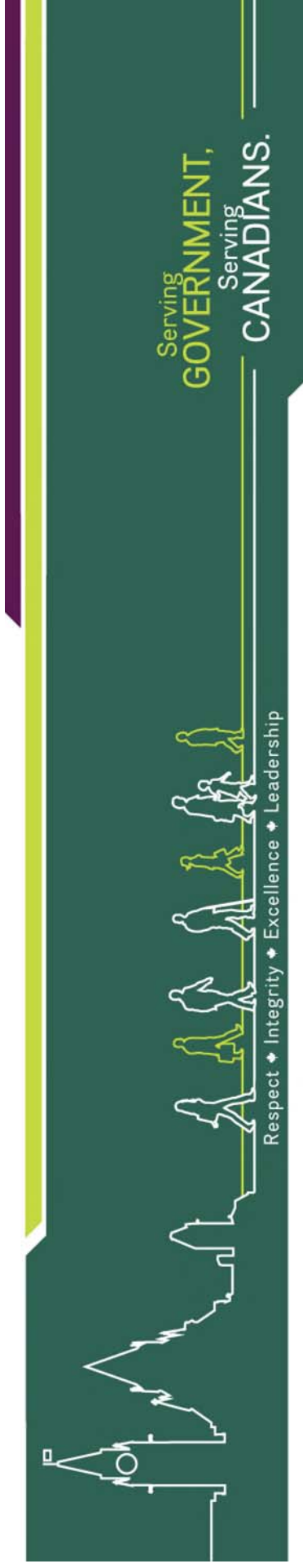
The Identified User authorized to make call-ups against the Standing Offer is Canadian Forces Housing Agency.



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STANDING OFFER CLAUSES

Call-up Procedures

The Identified User will establish the scope of services to be performed.

For three offerors (60%; 40% and 0%): ideal business distribution percentage which has been established as follows; 60% of the business for the top ranked Offeror, 40% for the 2nd ranked Offeror, and 0% for the 3rd ranked Offeror

For two Offerors (100% and 0%): The *Call-ups* will be issued such that the highest ranked Offeror will perform the majority of the work. Canada may offer work to other than the highest ranked Offeror when, in the opinion of Canada, scheduling of work and / or, *Offeror* availability and / or, *Offeror* workload would dictate such distribution.



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STANDING OFFER CLAUSES

Compliance: continuous compliance with the certifications provided by the Offeror with its offer or precedent to issuance of the Standing Offer (SO), and the ongoing cooperation in providing additional information are conditions of issuance of the SO and failure to comply will constitute the Offeror in default

the Offeror shall comply with all codes, laws and regulatory provisions that are applicable to the performance of the Work or any part thereof

the Offeror shall obtain all permits and hold all certificates and licenses for the performance of the Work.

the Offeror shall produce evidence that the proposed Subcontractor and/or his/her trades people to be assigned to that part of the Work are so registered or licensed.



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STANDING OFFER CLAUSES

Insurance Requirements

The Offeror must forward to the Standing Offer Authority within ten (10) days after the date of award of the Standing Offer, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force.

ANNEX C

1. COMMERCIAL GENERAL LIABILITY INSURANCE
2. ENVIRONMENTAL IMPAIRMENT LIABILITY INSURANCE



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RESULTING CONTRACT CLAUSES (CALL UPS OR WORK ORDERS)

General Conditions

[2035 \(2018-06-21\), General Conditions - Higher Complexity - Services, apply to and form part of the Contract.](#)

Workers' Compensation

Prior to commencement of Work, at the time of Substantial Performance of the Work, and prior to issuance of the Certificate of Completion,

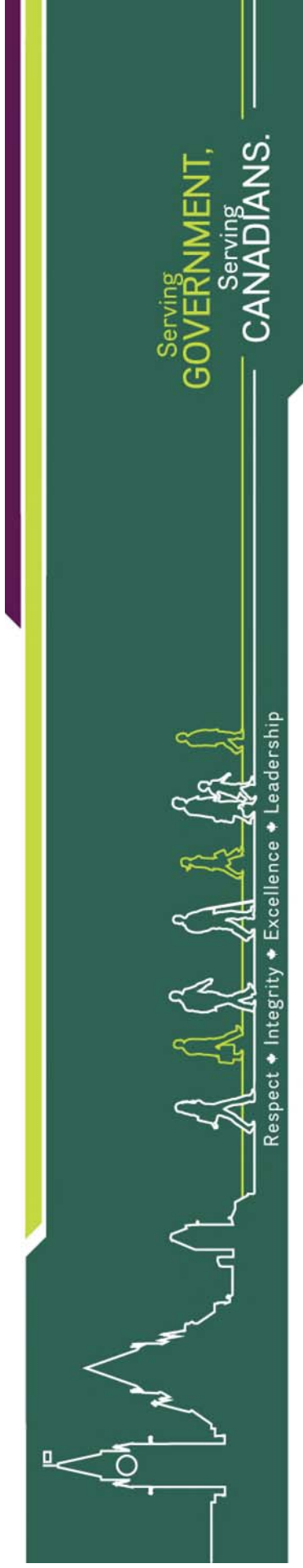
At any time during the term of the Contract, when requested by Canada,



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RESULTING CONTRACT CLAUSES (CALL UPS OR WORK ORDERS)

Payment

Firm Price

Firm Hourly Rates

Other Direct Expenses – Hot Work Permit Fees

Limitation of expenditure

CPI: The price adjustment will be made in accordance with the percentage change in the Bank of Canada CORE Consumer Price Index (CPI). The Schedule of Unit Rates (SUR), hourly rate(s) and unit prices, as applicable, will be adjusted at the two-year anniversary of the start date of the SO by calculating the percentage change in the CPI between the January 2020 and January 2022.

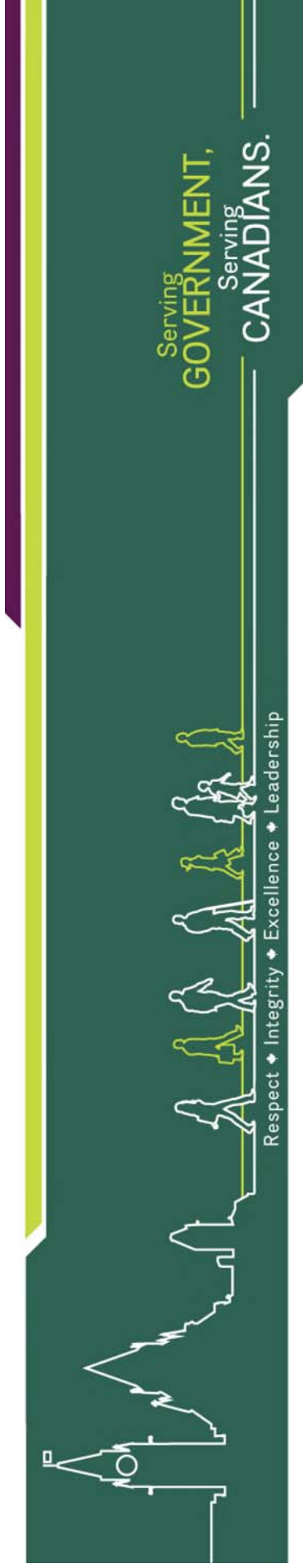
Percentages in Table A will not be adjusted.



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RESULTING CONTRACT CLAUSES (CALL UPS OR WORK ORDERS)

Call-up Price:

Unforeseen items of work arising during the term of the SO which are not in the SUR shall be done by hourly rates plus the applicable laid-down cost of Materials with a 10% mark-up (applied to the Material only).

Where items are only available in pre-set quantities or measurements, the Contractor will be paid the laid-down cost with a 10% mark-up of the Material used only.

Contractor shall be paid for each Call-up a minimum of eighty dollars (\$80), or the actual invoice amount if it exceeds the minimum amount.



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RESULTING CONTRACT CLAUSES (CALL UPS OR WORK ORDERS)

Call up Price:

Payment for After Hours Work and Priority 1 Work (as per SOW, section 4): emergency work outside the normal working day (ref. Annex A, SOW, Para 4.2)

payment shall be made at the after-hours hourly rates multiplied by the number of hours worked.

The after-hours hourly rates will be calculated at 1.5 times the regular hourly rate indicated on the Offer Form

The contractor will be reimbursed at the regular hourly rate for the total travel time (the sum of To and From the Contractor's business address), rounded up to the next hour to a maximum of 2 hours



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RESULTING CONTRACT CLAUSES (CALL UPS OR WORK ORDERS)

Where the Contractor begins work on a Priority 1 Call Up within the normal work day and continues until after 5pm, he will be paid the value of the SUR code(s) (if applicable) plus their % Offer, plus the time spent after 5pm at the after-hours hourly rate.

Materials used will be paid at a laid down cost plus a 10% mark-up.

Materials will be supplied FOB Destination including all delivery charges.

Methods of Payment

Single Payment upon delivery and acceptance.



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RESULTING CONTRACT CLAUSES (CALL UPS OR WORK ORDERS)

Pre-Commencement Meeting

A pre-commencement meeting is mandatory for the Contractor prior to commencing any work.

The Contractor is to supply the Technical Authority with a copy of its safety policy as required by the applicable Provincial Occupational Safety and Health Regulations.



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Any resulting questions must be submitted in writing to

Amanda Assi

Amanda.assi@tpsgc-pwgsc.gc.ca

Maxime Dallaire

Maxime.dallaire@tpsgc-pwgsc.gc.ca

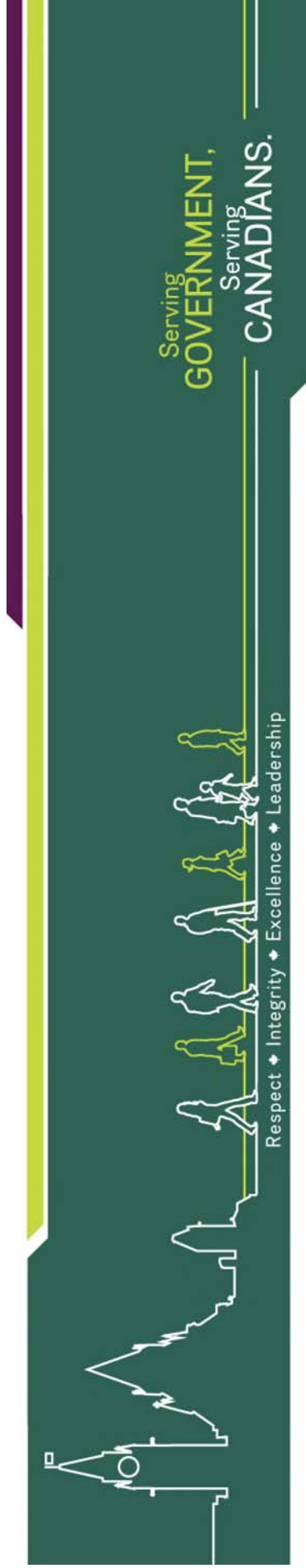
seven (7) calendar days before the Request for Standing Offers (RFSO) closing date



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Thank you for your participation!



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CONFERENCE 1:

1. **We've been working on the CP portion in Dundurn. Who gets called out for emergencies, the general or the trade?**
 - The general contractor is responsible for the work. He will be the point of contact and will coordinate with the subcontractors.
2. **• Where would we find the schedule of rates?**
 - The Schedule of the Unit Rates is in the Appendix 5 to Annex A, Statement of Work. It is accessible at buyandsell.gc.ca, at the bottom of the RFSO page, in the area called Attachments, there is a link that to Appendices 1-7.
3. **• How do we purchase the tender documents?**
 - Purchase is not required, the tender documents are available at no charge at buyandsell.gc.ca for an upload. Search the buyandsell.gc.ca by the solicitation number, it will take you to the Request for Standing Offer page. At the bottom of the page there are all the documents. They may be in excel, pdf or word. You can upload them by clicking on the links.
4. **Can the Crown confirm if the solicitation documents requires a percentage bid for all 16 trades?**
 - Yes, the offer must be for all the trades of the SO, all fields must all be filled out.
5. **Page 11 of CFHA references historical usage reports. Why was the Bagotville report attached to the Kingston and Trenton files?**
 - A few reports contained a typo in the Instructions/Description field A, however the report pertains to the correct Housing Service Centre as specified in the report title.
6. **PSPC presentation page 21. Emergency services for work on stat holidays is 1.5 times of the hourly rate or the stat holiday rate? Is there a difference in coming in on a Sunday or a stat holiday (which would normally be 2.5 times).**
 - It will be 1.5 times.
7. **16 trades question. CFHA slide 8.2.**
 - Each individual RFSO will indicate which trades are required for this specific SO.
8. **40 people on the call? Is this all for one location?**
 - People are from all locations. For all the RFSOs closing on Feb 3.
9. **Is CFHA open to an alternative model that might serve occupants better?**
 - This is the model that was chosen for this process. Will see how well it goes before considering anything else.
10. **When call ups are issued, will all trades be issued on one call up or will they be separated as now?**
 - Schedule of Unit Rates codes from different trades may be on one call up, will not be separated.

11. If you have multiple trades under one call up, will the minimum call out of one trade be issued?

As per RFSO clause 8.6.5.6, the minimum amount is applicable to each call up and not to an individual SUR or trade on such call up.

12. Hazmat and pest control are excluded?

- Hazmat Consultant and Pest Control Trades are excluded from the scope. Hazmat Abatement trade is included.

13. Travel time for afterhours is being paid at straight time?

- Correct.

14. Can Crown confirm if subcontractor is required to be licensed at submission or award?

As per Mandatory Technical Criterion 4, where compulsory by the provincial legislation, the bidder must provide proof of trade certification and/or licence; and/or registration certificates for each proposed resource.

As per RFSO clause 7.13.1.3 Where the Offeror makes application to subcontract part of the Works, and Provincial Legislation requires that a Person be licensed to carry out that part of the Work, the Offeror shall produce evidence that the proposed Subcontractor and/or his/her trades people to be assigned to that part of the Work are so registered or licensed.

Annex A Statement of Work Clause 5.1 where legislation of the Province in which the site of the Work is located requires that a contractor or their resources be registered or licensed to carry out any of the Work described in the RFSO documents, the Contractor shall, within 48 hours of their receipt of a notice in writing from the Technical authority, produce evidence that they and/or their resources are so registered or licensed.

15. Is there a list of subcontractors available for each location?

- No.

16. Do we need to provide a list of subcontractors?

Yes, if requested by CFHA.

As per RFSO clause 7.17.2 Notwithstanding any list of Subcontractors which the Offeror may be required to submit as part of the offer, the Offeror shall, within 48 hours of receipt of a written request from CFHA, submit the names of Subcontractors and suppliers for the part or parts of the Work listed in the said request.

17. • Is there historical data for unit prices provided before or posted on buyandsell.gc.ca?

- The Historical SUR Usage report are posted on buyandsell in the appendix 5 folder. Please see Appendix 5, it's posted along with unit rates for each site under each standing offer. It may be separated by trade.

18. After hours work done by hourly rate or unit rates?

Afterhours work is paid by hourly rate. Please refer to RFSO clause 8.6.6 Payment for After Hours Work and Priority 1 Work.

19. Are General Contractors allowed to give multiple contact numbers for the afterhours?

- Yes, but the GC is still responsible if there is no answer.

20. Mandatory technical criteria. How strictly is this enforced, for 2 maintenance support services contracts?

- If the mandatory criteria are not answered or not properly, you will be judged nonresponsive. If the mandatory criteria is not filled out properly, PSPC will not go to the financial bid.

21. If you have multiple contracts that would meet the requirement of the technical criteria? Is that good enough?

- For MT1 and MT2 If you had multiple contracts of similar scope in place at the same time, and the aggregate of portfolio under such contracts meets the CFHA definition of a portfolio size and such contract involved coordination of 3 or more trades, we would consider it.

22. Lowest bidding contractor would get 60%?

- It depends on the structure of the RFSO. Some are 100%-0%, others are 60-40-0. Each RFSO specifies what the breakdown is. Please refer to RFSO clause 1.2.2.

23. Is the RFSO just for general contractors or can subs submit their own? Are you looking for general contractors?

- The bid has to be for all the trades listed in the requirement.

24. Is there a separate SO for electrical?

- Some RFSOs have more than one trade, others have separate trades.

25. Where do you find the RFSO numbers?

- Depends on the region. If you go on buyandsell for CFHA, page 9 and 10 shows the RFSO numbers and which trades apply.

26. Is there a checklist of which documents need to be filled in and submitted?

- No, there is no checklist, but it is summarized in the presentation.

27. Where are the presentations?

- The presentations will be posted on buyandsell.gc.ca along with any of the questions and answers.

28. • Is there any security requirements for any sites?

- No.

29. • Where do I find the General Conditions?

- Buyandsell.gc.ca, enter the number and you can read all the general conditions.

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

30. Epost connect or Canada post website, you have to send a link or a request in order for me to submit? Do we use the email address that is listed?

- It is not on the Canada Post website. Look at RFSO clause 2.2 (also mentioned on slide 4 of the PSPC presentation), there is an email address of bid receiving unit. Send an email there and they will tell you how to open a conversation and additional information will be provided.

31. **Financial offer. If there are multiple trades, I put the percentage per trade and add them all up at the bottom?**
- Yes, it is the sum of all the percentage bids for all the trades listed in the table that will evaluate the bid.
32. **• For submitting prices there are multiple tables SURs and hourly rates. Page 12 and 13 and 14? Are those the pages we are using?**
- Yes, you need to fill pages 13 and 14 are the pages. Also Annex B Basis of Payment has the same tables as the RFSO.
33. **• What is the turnaround time for invoices? 15th or 30th of each month? What is the turnaround for payment?**
- Invoice submissions should be as soon as possible after the completion of the work. There is a RFSO clause requiring the contractor to submit invoices within 90 day period. Once CFHA received and invoice and confirms the work completion, we have 30 days to pay. Please refer to the General Conditions to details.
34. **Will there be holdbacks?**
- Invoice will only be paid when the work is completed and accepted by HSC staff and an invoice is received, whatever is later. There are no additional holdbacks.
35. **• One can submit an RFSO for one trade?**
- Must submit all trades listed for each RFSO.
36. **• Are you looking for a general contractor?**
- There are a small number of RFSOs with only one trade/contractor, but the majority are for a combination of trades. Look at the CFHA presentation or the RFSO.
37. **• Blank spaces in the bidding document?**
- Section 1, 2, 3, 4 must be submitted. Blank sections are filled out once the Standing Offer is awarded.
38. **Percentage splits for locations? Where are these percentages identified?**
- Para 1.2.2 of each individual RFSO specifies the split. It's also mentioned at several spots throughout the document.
39. **• As an electrician, I can't just submit one price?**
- All trades listed in the RFSO must be included.
40. **• Can a general contractor from Ottawa support Bagotville?**
- Yes, as long as you provide all the trades required and able to coordinate work and meet the requirements including the timelines.
41. **• Will the general contractor be made public?**
- The notice of award will be posted on buyandsell.gc.ca
42. **To place a bid, do I have to put our name on the List of Interested Suppliers?**

- No, you just need to submit the documents that are required as per RFSO, but we do not check the vendors name on the List of Interested Suppliers.

43. Do you have a list of people that would be bidding in certain areas? Do you have a list of generals that will be bidding?

- We don't receive anything from the bid receiving unit until the RFSO is closed. We are not aware of generals and subs until then.

44. • Can you just bid for one service?

- You need to bid on all the trades required for each specific RFSO.

45. Financial evaluation: is the only item that is looked at the total evaluated price, which is the sum? Which is evaluated?

- You need to fill out the percentage bid for all of the trades. We will evaluate that the sum of the percentage bids. Yes it is about the sum.

46. • If you bid plus 400% one on trade but minus 50 on all the others, you could still be successful?

- We evaluate the total evaluated price to determine the successful bidder, but when work is done you will be paid the percentage identified for each trade for this trade's SURs.
- Bear in mind that the winner will be the lowest price that meets the mandatory criteria.

47. When evaluating the whole thing, what if they have the cheapest price but don't meet the tech criteria?

- We evaluate the mandatory criteria first. If a bidder is not responsive on the four criteria, we do not evaluate the financial bid.

48. Technical offer. There are some strict elements (equivalent experience for example). If there are four offers per location and none of them meet the requirement, will you close the deal or will you pick the best one?

- You must meet the mandatory criteria. If none of the bidders are responsive, we will evaluate next steps after that.

49. Four mandatory requirements? What are they?

- Described in the presentation page 7 and RFSO page 22-23.

50. If a bid is submitted ridiculously low, would it still be accepted?

- RFSO has a clause that allows CFHA to verify and negotiate the hourly rates if the price is abnormal but not the percentage bid.

51. PSPC slide 9 regarding certifications. List of names, owners?

- Usually directors or board members of the company.

52. What is standing offer certification?

- If you are a Former Public Servant, for example, you need to certify. Just need to sign first page of the RFSO, states that you have all three of these certifications.

CONFERENCE 2:

53. Where can I find the schedule of rates?

- The Schedule of the Unit Rates is in the Appendice 5 to Annex A, Statement of Work. it is accessible from buyandsell.gc.ca, at the bottom of the RFSO page, in the area called Attachments, there is a link that to attachments 1-7.

54. Looking at the SUR code books, the date is different than the front of the package, why?

- Duration of the codes and specs does not coincide with the duration of the SO. This is an internal procedure to allow for an additional year to review the technical content. SO is for 2 +2 option years.

55. Technical offer requirements. Do I have to send in the entire 55 pages?

- No, you need to submit the bid in 4 sections. Section I: Technical Offer where you demonstrate how you meet the mandatory technical criteria; Section II: Financial Offer; Section III: Certifications and Additional Information.
- Also, include the first page of the RFSO and include the vendor information.

56. Technical offer, page 10, 11. What format do you want the response? A letter?

- Yes, in the Technical Offer you will need to address the four mandatory criteria and include the reference form.

57. If you have a general contractor with subs and the general becomes insolvent, what process is followed?

- It would fall within the performance management process. CFHA will engage with the contract to resolve directly, but if it is an ongoing or a severe issue, the SO can be terminated. Please refer to the general conditions of the SO for details on when termination may be invoked. Please see RFSO Part 9 Performance Evaluation: Contract on the evaluation process.

58. It says the contract is worth up to \$14M for four years for Winnipeg. How was this determined? Can we assume that it will be this much?

- Paragraph 1.2.2 gives a financial estimate of the future expenditure against the Standing Offer though there is no guarantee of expending this amount. The value was based on historical expenditures and projections.

59. Is there a report of which trades were used how much and the value historically?

- Attachments in the Appendix 5 folder include a historical breakdown. The report does not include the financials but will give the information as to the volume of work.

60. For some contracts, SO is roughly \$9M. Is this for 2 or 4 years?

- RFSO paragraph 1.2.2 gives a financial estimate for 4 years including the option years.

61. Technical offer MT4 experience. Are we providing a list of personnel or including resumes for subtrades and employees?

- Yes, you need to provide the list of names of individuals/firms as well as certifications as applicable.

62. **Minimum callouts. With multiple trades is it per trade or SUR?**

- Minimum call up amount of \$80 will apply once to a call up and is not per trade.

63. **SUR usage Cold Lake. Usage states it is for Bagotville not Cold Lake.**

- This is a typo, but the header shows the correct site.

64. **Slide 9 of CFHA presentation. Have any of these been awarded? Where can we see them?**

- None of the SOs have been awarded, but some closing this coming Friday. The remainder will close on February 3rd.

65. **Pest control not included in SO? Disregard?**

- Yes, Pest Control trade is not included.

66. **Table A provides list of contracts and percentage offers. If I want to bid on 3 only, do I send in 3 tables or accumulate percentages?**

- You cannot just submit 2 or 3. You will need to bid on all trades part of the RFSO and fill out the table once.

67. **Borden. PBN number. What is it and where do you get that?**

- Procurement Business Number. Can search for it on buyandsell.gc.ca that will tell you how to get one.
Below is the link to register as a supplier to get a Procurement Business Number (PBN)
<https://buyandsell.gc.ca/for-businesses/selling-to-the-government-of-canada/register-as-a-supplier#600>

68. **Workforce and lowest bidder. If lowest bidder comes in 50% lower than historically, do you automatically award or do you investigate that they can pay proper wages? Are employees properly vetted and secured? Are they on work visas (could take away work from Canadians)?**

- Security verification of workers - all units are off site and will not have security requirements. Any exceptions where access to a base is required at a few sites will be managed on as and when required basis.
- The General contractor is responsible for subcontractors and making sure that they are compliant and that all the certificates are in place. Subs can be asked for papers on site.

69. **Can we have a workforce with visas?**

- Every worker including subcontractors must have all the documentation required by the general conditions. General contractor has the responsibility to verify if they are allowed to work.

70. **In the event of a low bid compared to historical, do you open an investigation? If someone submits a minus 50% bid, how will they keep up with the employee act and pay people? Who verifies that? Will it be investigated?**

- This is the responsibility of the bidder to submit a fair bid allowing for fair profit. If they underbid it is likely that they will be unable to fulfill their obligations under the SO, and we can terminate the Standing Offer.
- The selection is not based on lowest cost proposal. The bidder must meet mandatory technical criteria. One of these is a reference check.
- We will not negotiate on the percentage of line items but can negotiate the hourly rate before awarding.

71. **Are there protections that super low bidders get checked in on? How are they legitimately doing the work?**

- There are no provisions to deny a low bidder, but it is not in their best interest to underbid because they won't be able to do the work at a profit. The most common scenario is that the SO would be terminated for default because they cannot perform. Cannot do it upfront.

72. **Experience and qualifications of workforce. How do you prove they are qualified? Do you look at workforce of low bidders?**

- One of the mandatory criteria is the references. We also verify certifications if so required by the provincial legislation.

73. **So if all workforce is from Turkey or Iran, how do you know if they have the experience to snow clear if they don't even have experience with snow?**

- We do not verify every individual worker. The quality of the work is the responsibility of the general contractor, the SO holder. In the Mandatory criteria we seek experience and references on previous similar contracts to ensure a bidder is capable of providing quality work.

74. **Priority definitions. Can you please explain what they mean?**

Refer to SOW para 4.2

Each Call-up will indicate the completion time. The Contractor must be on site fully prepared to undertake the work and /or working within the priority response time allocated for each item of work specified in the Call-up unless otherwise agreed to in writing:

- .1 Priority 1 Respond within 1 hour
- .2 Priority 2 Respond within 24 consecutive hours
- .3 Priority 3 Respond within 7 calendar days
- .4 Priority 4 Respond within 14 calendar days
- .5 Priority 5 Respond within 28 calendar days
- .6 Priority 6 Respond as specified on the Call-up.

75. **If a work order for inspection is completed and work is identified, resulting in a version 2 of the work order, will version 1 and 2 cascade and grow and not eliminate the original inspect codes?**

- It should cascade. The initial SUR codes should not be eliminated.

76. Government thinks it will be more efficient to have one responsible contractor. What concerns did you have when first contemplating a change in structure?

- Currently we manage 230 standing offers which has many differences in quality and consistency with multiple vendors and trades. The new approach reduces to 40 standing offers. Slide 4 of CFHA presentation outlines the benefits that we've already seen in Petawawa and Gagetown and sites that used bundled approach. We've applied the lessons learned from these sites hoping to reduce administration, have one point of contact to expedite delivery and response times. The Biggest challenge has been consistency in the quality of service across all CFHA sites.

77. If quality is the biggest challenge, what protection do you have against the low bidders? Is there a process for dealing with the general contractors and verifying prices?

- We will have to accept prices. We have to rely on bidders (general contractors) to provide a sound bid that would allow for a fair profit. It's not in the bidders' best interest to underbid.

78. What happens if the SO is terminated?

- If SO is terminated, the company is in default they may not bid for next 2-3 years on other PSPC requirements.

79. Percentage offer. Why? To gain advantage or cover cost of materials?

- Have 3000 line items that describe the work. We could have gone with two approaches: providing a price per line item or a percentage bid. Percentage bid option was selected and has been successful to date. No change to approach to be made.

80. Table A and B. What is the difference?

- Table A: bidder will provide a +/- percentage bid for all the required trades to be applied to the SURs base prices listed in the Appendix 5. The majority of the work will be call up by using the SURs.
- Table B the bidder will include the journeyman hourly rates that would be used for emergency work outside of the normal business hours or when there is no SUR to describe the scope of the work required. In this case CFHA may issue a "time and material" call up.

81. Table A is the percentage offer portion against list of trades and then the sum total. If I want to bid on 3 separate trades, would I have to put the total evaluated price?

- Depends on RFSO. If there are 16 trades, you will need to submit a bid for all 16. You cannot submit for one or two trades.

82. I only wanted painting portion last time. Why would I now have to bid on all of it?

- Previously all standing offers were separate, now they are combined.

83. Does your current system offer API to integrate into our system or is it paper based? Can the two softwares communicate?

- Currently we do not have a system that can communicate with suppliers' system. Call ups are most often issued through email.

84. Can API connectivity be explored?

- We will explore, however it would be an overpromise to state anything can be put in place.

85. Is there a list of current contractors doing work?

- We do not provide lists of contractors currently engaged.

86. Percentage offer on Annex B. There are 16 trades. You have to provide percentage for each trade and then a sum at the bottom. Who fills this section?

- The bidder has to complete this section. You add all trade percentages to determine the total evaluated price. All percentages for all trades are added by the bidder.

87. Contract experience. Will you accept past contracting SOA? For example SOA and contract work with CFHA.

- Yes, we will use contracts but not SOAs. Must demonstrate actual work.

88. Is there a limit to the number of subtrades that you can have?

- No limit to the number of subcontractors that you can have to meet the requirement.

89. Where do I get a copy of the presentations?

- If you received the confirmation email, the presentations were attached. They will also be posted on buyandsell.gc.ca as an amendment.

90. Is it possible to be awarded in multiple locations?

- Yes, however you must have separate submissions for each individual SO at multiple locations.

91. A company that was doing work for DCC that was forbidden from bidding on DCC projects, will you be checking for limitations like this before award?

- PSPC and DCC have separate lists for vendors that have been suspended. PSPC will check our own lists. If we have problems or defaults they will be suspended. PSPC will not communicate with DCC.

92. Are you now looking for one contractor for all trades?

- The submission has to be for all trades, all fields need to be filled out - either by a general contractor or a group of subs getting together.
- All trades identified on RFSO must be included. One general in Edmonton.

93. Is this conference call mandatory?

- No.

94. Some contracts in rural municipalities try to prevent general contractors. What penalties are there if a general contractor fails? Financial penalties?

- This is a standing offer and not a contract. If the contractor is not able to fulfil the requirement of a call up they would be in default and the SO may be terminated. They will not be able to bid on the standing offer for a period of time.

- Once the contractor is in default they will be suspended from all PSPC procurements for a number of years.
- No financial penalty.

95. I've had much success with projects but mandatory requirements include many criteria (total value, number of projects, number of units). It may be challenging to check all the boxes. How will the evaluation process vet experience?

- Mandatory criteria is meant to verify that the contractor has some level of experience in the similar field to ensure a certain level of quality. In the mandatory criteria we are looking for the confirmation of experience managing a minimum of 2 contracts with the duration of at least 2 years carried out within the last 10 comparable in size and scope of our portfolio.
- It is important for us to confirm a company has experience with the similar work and portfolio to what we're dealing with.

96. Multi-discipline and multi-year requirement. What if experience is multiyear but not multi discipline or not enough units? How would this be evaluated?

- While some SOs are bundled for 16 trades, we are looking for experience coordinating at least three trades to confirm the ability to work with multiple crew at multiple work locations. The size of the portfolio is also very important. The bidder has to demonstrate experience of managing portfolio that is at least 75% of the numbers of units identified in the SOW.

97. Traditionally the SOs were primarily linear in scope by disciplines. It will be difficult to demonstrate the multidiscipline requirement when this is not how they've been structured to date.

No answer provided.

98. Is there a tender form for submission of the offer or is it just the percent table?

- Whatever is required in the RFSO, there are 4 sections to submit. There is no tender form.

99. Page 8, former public servant... should this simply be answered in the negative in the submission?

- Yes. If you respond "no" in the submission, nothing else is required. If "yes", then the questions following it must be answered.

100. Page 30, para 7.4.1 What is the period for making callups?

- The SO is for a period of 2 years with two additional optional one year periods. It is for an initial period of 2 years. PSPC will complete these fields upon SO award. Leave blank.

101. Page 31 section 7.5.2 who is the project authority?

- When SO is awarded, this will be determined. You do not need to fill out this information.

102. Page 37 , para 8.4.1 Period of the Contract is blank.

- You do not need to fill out this field. The submission should only include the 4 sections as previously described.

103. Who is the contracting authority for the government?

- You are not required to fill this out.

104. Annex A includes a period to 2025?

- This is the duration of the validity of the content of the SOW, not the SO.

105. Annex A page 6 and 7. What relevance do 7.1- 7.2 have? Inspection checklists.

- The checklist become applicable after award when the work is called up. Their applicability will be indicated on the call up.

106. Percentage bid. If doing landscaping with set rates and bidding a percentage bid what about the hourly rate?

- Each trade has their own percentage rate and the hourly rates.
- Total evaluated price is the sum of all trade prices. This is what is evaluated.

107. Table A and B. Hazardous materials abatement is included?

- Hazmat consultant is excluded. HAZMAT Abatement is included.

108. Is electronic transfer an option for payment?

- Payments will be made by direct deposits.

109. Can payments be issued per SUR or collaboratively?

- The payment will be issued per invoice related to a call up (i.e. Work Order). Invoice will match the call up (work order).

CONFERENCE 3

110. When you refer to the historical usage of the SUR, you gave a list of the work (SURs codes) performed in the past years. Does the last number at the end of a row mean the number of times a code was raised? I tried to figure it out. I know that I have done work. We already have a Standing Offer with the agency and I see that our work orders were not entered as it's marked as zero. Is it actual report or is it just an example?

- The total in the last column is the total number a SUR was raised. Only the SUR used will appear on the report, as such there are no entries marked 0. We need to have more details to be able to respond.

111. In the tender form, at Annex B, you have marked in some places the hourly rate... in the tender sheet, you have marked the hourly rate for the first year and the hourly rate for the second year in the two paragraphs that are there. Do you have to fill out both?

- As per ATTACHMENT 1 TO PART 3 PRICING SCHEDULE Para 6. The Schedule of Unit Rates (SUR), hourly rate(s) and unit prices, as applicable, quoted on the pricing schedule shall remain firm for a period of two years after establishment of the SO.

You do not need to complete Annex Basis of payment, only Attachment 1 to Part 3 Pricing Schedule.

112. If we want to submit bids directly in Gatineau, is that possible?

- Not to me directly, but you may submit them in person at the address provided, at 11 Laurier St., Place du Portage, Phase III. You may submit them directly to Reception, a few days in advance if you wish.

113. Are there a lot of people on the teleconference?

- We don't know how many people are participating on the call.

SUR Code Selection List - English

Liste des Taux Unitaires - Anglais

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

GENERAL

SOR Code	SOR Description	Unit	Base Price
CF1000EV	Inspect and report on work required.	EA	45.20
CF1001EV	Coordination of multi-trade, multi-contractor tasks, per residence, per day of project activity.	EA	21.30
CF1010EV	Safety fencing, per day - Supply and install.	M	15.90
CF1105EV	Winter heating, add per m3.	EA	12.50

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE - GENERAL

SOR Code	SOR Description	Unit	Base Price
CF1120EV	Concrete repairs, site mix, for property pathways and slabs, up to 2 m2 (21 1/2 ft2) located in one or more patches, includes removal of affected area and granular 'A', 100 mm (4 in) thick - Repair	M2	372.00
CF1800EV	Concrete admixture, surface treat bonding agent, acrylic latex (5.5 m2/litre) - Supply and install.	M2	4.40
CF1965EV	Concrete splash pad, precast with channel, Reposition existing , includes soil and compact under splash pad to create positive drainage.	EA	35.60
CF1970EV	Concrete splash pad, precast with channel. Includes soil and compact under splash pad to create positive drainage - Replace or supply and install.	EA	69.00
CF1975EV	Parking bumper, 200 mm x 150 mm x 2.4 m (7 7/8 in x 5 7/8 in x 7 ft-10 1/2 in), 272 kg - Replace or supply and install.	EA	135.70

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE CAST-IN-PLACE - BASES

SOR Code	SOR Description	Unit	Base Price
CF1805EV	Base, for concrete, excavate, fill with granular 'A', 100 mm (4 in) thick, includes compaction - Supply and install.	M2	50.00
CF1810EV	Base, for concrete, excavate, fill with granular 'A', 150 mm (6 in) thick, includes compaction - Supply and install.	M2	66.30
CF1815EV	Concrete, up to 200 mm (7 7/8 in) thick, break up - Remove and dispose.	M2	51.20

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE CAST-IN-PLACE - CAPPING

SOR Code	SOR Description	Unit	Base Price
CF1820EV	Concrete capping, up to 76 mm (3 in) thickness, landing or step, includes bush-hammering existing surfaces, forming, application of bonding agent, new concrete (32 MPa) has 5-8% air entrainment with strand fiber additive, non-slip broom finish - Supply and install.	M2	271.90

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE CAST-IN-PLACE - CLOTHESLINES

SOR Code	SOR Description	Unit	Base Price
CF1825EV	Clothesline base, concrete, 600 mm x 600 mm x 1200 mm (1 ft-11 5/8 in x 1 ft-11 5/8 in x 3 ft-11 1/4 in), includes 90 mm (3 1/2 in) inside diam. galvanized pipe sleeve, 900 mm (2 ft-11 1/2 in) deep, 75 mm (3 in) above base - Supply and install.	EA	769.60
CF1830EV	Clothesline base, concrete, 600 mm x 600 mm x 1200 mm (1 ft-11 5/8 in x 1 ft-11 5/8 in x 3 ft-11 1/4 in), includes 90 mm (3 1/2 in) inside diam. galvanized pipe sleeve, 900 mm (2 ft-11 1/2 in) deep, 75 mm (3 in) above base - Replace.	EA	811.90
CF1835EV	Clothesline pole, metal, 75 mm (3 in) inside diam., to existing base, includes fittings - Replace.	EA	384.80
CF1840EV	Clothesline, includes post(s) and concrete - Remove and dispose.	EA	102.70

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE CAST-IN-PLACE - CURBS

SOR Code	SOR Description	Unit	Base Price
CF1845EV	Curbs, concrete, cast in place, straight 150 mm x 450 mm (5 7/8 in x 1 ft-5 3/4 in) - Supply and install.	M	59.10
CF1850EV	Curbs, concrete, cast in place, straight 150 mm x 450 mm (5 7/8 in x 1 ft-5 3/4 in) - Replace.	M	64.10
CF1855EV	Curbs, concrete - Remove and dispose.	M	12.90

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE CAST-IN-PLACE - FOOTINGS

SOR Code	SOR Description	Unit	Base Price
CF1870EV	Footings, concrete strip, any size, plain - Supply and install.	M3	258.10

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE CAST-IN-PLACE - LANDINGS

SOR Code	SOR Description	Unit	Base Price
CF1880EV	Concrete landing, up to 2 m2 - Remove and dispose.	M2	45.10
CF1885EV	Concrete landing, greater than 2 m2 - Remove and dispose.	M2	31.80
CF1890EV	Step, concrete, not including safety treads, cast-in-place, includes nosing, per meter of tread width - Replace.	M	118.80
CF1895EV	Stair landing, concrete, cast on ground - Replace.	M2	128.20

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE CAST-IN-PLACE - PILES

SOR Code	SOR Description	Unit	Base Price
CF1920EV	Concrete pile, reinforced, 2.44 m (8 ft) x 203 mm (8 in), includes 4 verticals, 6 rings, 13 mm (1/2 in) rebar, 254 mm (10 in) to 381 mm (1 ft-3 in) coverage, 1 or 2 piles, per pile - Supply and install.	EA	219.60
CF1925EV	Concrete pile, reinforced, 2.44 m (8 ft) x 203 mm (8 in), includes 4 verticals, 6 rings, 13 mm (1/2 in) rebar, 254 mm (10 in) to 381 mm (1 ft-3 in) coverage, 3 or more piles, per pile - Supply and install.	EA	170.80

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE CAST-IN-PLACE - PROPERTY PATHWAYS

SOR Code	SOR Description	Unit	Base Price
CF1900EV	Property pathways, concrete, unreinforced - Remove and dispose.	M2	39.60
CF1905EV	Property pathways, concrete with reinforcing - Remove and dispose.	M2	56.50
CF1907EV	Property pathways, concrete, 32 MPa, broom finish, 100 mm (4 in) thick, includes granular A compacted base and landscaping repairs, From 2 m2 up to 5 m2 - Replace or supply and install.	EA	1,062.80
CF1910EV	Property pathways, concrete, 32 MPa, broom finish, 100 mm (4 in) thick, includes granular A compacted base and landscaping repairs, additional m2 when combined with CF1907 - Replace or supply and install.	M2	135.70

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE CAST-IN-PLACE - SLABS

SOR Code	SOR Description	Unit	Base Price
CF1935EV	Slab on grade, concrete, 80 mm (3 1/8 in) to 120 mm (4 3/4 in) thick - Supply and install.	M2	79.70
CF1940EV	Slab on grade, concrete, 80 mm (3 1/8 in) to 120 mm (4 3/4 in) thick - Replace.	M2	122.20
CF1950EV	Slab, poured concrete, 102 mm (4 in) thick for 3048 mm x 3048 mm (10 ft x10 ft) shed base, level grade - Supply and install.	EA	1,275.40

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE CAST-IN-PLACE - STEP

SOR Code	SOR Description	Unit	Base Price
CF1955EV	Concrete step, cast on ground, standard depth 254 mm (10 in), includes removal of existing step, steel pin to foundation or landing, for step up to 1981 mm (6 ft-6 in) wide - Replace.	EA	171.00

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE PRECAST - STAIRS - GENERAL

SOR Code	SOR Description	Unit	Base Price
CF1990EV	Concrete stairs, precast, any size- Remove and dispose.	EA	170.80
CF2005EV	Steps, concrete, spalling - Repair.	M2	66.30
CF2010EV	Steps and landing, any size includes equipment - Remove, regrade and reinstall.	EA	598.70
CF2015EV	Concrete steps, by hand, per set - Reposition.	EA	226.20

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE PRECAST - STAIRS - 1 RISER

SOR Code	SOR Description	Unit	Base Price
CF1995EV	Concrete, 1220 mm x 1220 mm (4 ft-0 in x 4 ft-0 in) landing (no steps), precast - Supply and install.	EA	382.60
CF2000EV	Step only, 1 riser, no landing, concrete, not including safety treads, precast, includes nosing - Replace.	EA	89.80
CF5000EV	Steps and landing, precast, 1220 mm x 1220 mm (4 ft-0 in x 4 ft-0 in) landing, 1 riser - Supply and install.	EA	1,222.20
CF5010EV	Steps and landing, precast, 1220 mm x 1220 mm (4 ft-0 in x 4 ft-0 in) landing, 1 riser - Replace.	EA	1,434.80
CF5020EV	Steps and landing, precast, 1520 mm x 1220 mm (5 ft-0 in x 4 ft-0 in) landing, 1 riser - Supply and install.	EA	1,328.50
CF5030EV	Steps and landing, precast, 1520 mm x 1220 mm (5 ft-0 in x 4 ft-0 in) landing, 1 riser - Replace.	EA	1,594.20
CF5040EV	Steps and landing, precast, 1820 mm x 1220 mm (6 ft-0 in x 4 ft-0 in) landing, 1 riser - Supply and install.	EA	1,434.80
CF5050EV	Steps and landing, precast, 1820 mm x 1220 mm (6 ft-0 in x 4 ft-0 in) landing, 1 riser - Replace.	EA	1,753.60

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE PRECAST - STAIRS - 2 RISER

SOR Code	SOR Description	Unit	Base Price
CF2017EV	Steps and landing, precast, 1220 mm x 1220 mm (4 ft-0 in x 4 ft-0 in) landing, 2 risers - Supply and install.	EA	1,328.50
CF2020EV	Steps and landing, precast, 1220 mmx 1220 mm (4 ft-0 in x 4 ft-0 in) landing, 2 risers - Replace.	EA	1,541.10
CF2025EV	Steps and landing, precast, 1520 mm x 1220 mm (5 ft-0 in x 4 ft-0 in) landing, 2 risers - Supply and install.	EA	1,487.90
CF2030EV	Steps and landing, precast, 1520 mm x 1220 mm (5 ft-0 in x 4 ft-0 in) landing, 2 risers - Replace.	EA	1,753.60
CF2035EV	Steps and landing, precast, 1820 mm x 1220 mm (6 ft-0 in x 4 ft-0 in) landing, 2 risers - Supply and install.	EA	1,594.20
CF2040EV	Steps and landing, precast, 1820 mm x 1220 mm (6 ft-0 in x 4 ft-0 in) landing, 2 risers - Replace.	EA	1,913.00

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE PRECAST - STAIRS - 3 RISER

SOR Code	SOR Description	Unit	Base Price
CF2042EV	Steps and landing, precast, 1220 mm x 1220 mm (4 ft-0 in x 4 ft-0 in) landing, 3 risers - Supply and install.	EA	1,434.80
CF2045EV	Steps and landing, precast, 1220 mmx 1220 mm (4 ft-0 in x 4 ft-0 in) landing, 3 risers - Replace.	EA	1,647.30
CF2050EV	Steps and landing, precast, 1520 mm x 1220 mm (5 ft-0 in x 4 ft-0 in) landing, 3 risers - Supply and install.	EA	1,594.20
CF2055EV	Steps and landing, precast, 1520 mm x 1220 mm (5 ft-0 in x 4 ft-0 in) landing, 3 risers - Replace.	EA	1,806.80
CF2060EV	Steps and landing, precast, 1820 mm x 1220 mm (6 ft-0 in x 4 ft-0 in) landing, 3 risers - Supply and install.	EA	1,753.60
CF2065EV	Steps and landing, precast, 1820 mm x 1220 mm (6 ft-0 in x 4 ft-0 in) landing, 3 risers - Replace.	EA	2,072.50

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE PRECAST - STAIRS - 4 RISER

SOR Code	SOR Description	Unit	Base Price
CF2070EV	Steps and landing, precast, 1220 mm x 1220 mm (4 ft-0 in x 4 ft-0 in) landing, 4 risers - Supply and install.	EA	1,615.50
CF2075EV	Steps and landing, precast, 1220 mm x 1220 mm (4 ft-0 in x 4 ft-0 in) landing, 4 risers - Replace.	EA	1,828.00
CF2080EV	Steps and landing, precast, 1520 mm x 1220 mm (5 ft-0 in x 4 ft-0 in) landing, 4 risers - Supply and install.	EA	1,806.80
CF2085EV	Steps and landing, precast, 1520 mm x 1220 mm (5 ft-0 in x 4 ft-0 in) landing, 4 risers - Replace.	EA	2,072.50
CF2090EV	Steps and landing, precast, 1820 mm x 1220 mm (6 ft-0 in x 4 ft-0 in) landing, 4 risers - Supply and install.	EA	1,966.20
CF2095EV	Steps and landing, precast, 1820 mm x 1220 mm (6 ft-0 in x 4 ft-0 in) landing, 4 risers - Replace.	EA	2,285.00

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

CONCRETE PRECAST - STAIRS - 5 RISER

SOR Code	SOR Description	Unit	Base Price
CF2100EV	Steps and landing, precast, 1220 mm x 1220 mm (4 ft-0 in x 4 ft-0 in) landing, 5 risers - Supply and install.	EA	1,753.60
CF2105EV	Steps and landing, precast, 1220 mm x 1220 mm (4 ft-0 in x 4 ft-0 in) landing, 5 risers - Replace.	EA	1,966.20
CF2110EV	Steps and landing, precast, 1520 mmx 1220 mm (5 ft-0 in x 4 ft-0 in) landing, 5 risers - Supply and install.	EA	1,966.20
CF2115EV	Steps and landing, precast, 1520 mmx 1220 mm (5 ft-0 in x 4 ft-0 in) landing, 5 risers - Replace.	EA	2,231.90
CF2120EV	Steps and landing, precast, 1820 mmx 1220 mm (6 ft-0 in x 4 ft-0 in) landing, 5 risers - Supply and install.	EA	2,178.70
CF2125EV	Steps and landing, precast, 1820 mmx 1220 mm (6 ft-0 in x 4 ft-0 in) landing, 5 risers - Replace.	EA	2,497.60

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

EXCAVATION

SOR Code	SOR Description	Unit	Base Price
CF2200EV	Backhoe / excavator and operator, per hour - Excavate and backfill.	EA	226.20
CF2201EV	Float fee for equipment (bobcat / excavator) includes drop off and pick up	EA	200.00
CF2205EV	Backhoe / excavator and operator, per half day - Excavate and backfill.	EA	622.00
CF2210EV	Backhoe / excavator and operator, per full day - Excavate and backfill.	EA	961.20
CF2225EV	By hand - Excavate and backfill.	HR	45.20
CF2230EV	Bobcat / excavator and operator, per hour.	EA	113.10
CF2235EV	Bobcat / excavator and operator, per half day.	EA	508.90
CF2240EV	Bobcat / excavator and operator, per full day.	EA	848.10
CF2250EV	Hydrovac, per hour.	EA	200.00

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

EXPANSION JOINTS

SOR Code	SOR Description	Unit	Base Price
CF2300EV	Expansion joint, includes sealant and neoprene backer rod, 13 mm (1/2 in) - Supply and install.	M	22.60
CF2310EV	Backer rod, 19 mm (3/4 in), includes sealant - replace or supply and install.	M	5.70

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

FILL

SOR Code	SOR Description	Unit	Base Price
CF2400EV	Granular fill, granular A or approved equal., used as compacted material - Install.	M3	50.90
CF2405EV	Sand fill, used for infilling - Supply and install.	M3	59.90
CF2410EV	Crushed stone, one site - Supply.	M3	59.90

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

FLOOR SLAB REPAIRS - WATERPROOFING

SOR Code	SOR Description	Unit	Base Price
CF2600EV	FILLCRETE for crawl space - Supply and install.	M3	147.00
CF2605EV	FILLCRETE for crawl space, includes soil and gas barrier 6 mil polyethylene - Supply and install.	M3	229.20
CF2615EV	Floor slab, concrete, includes chipping, cleaning and epoxy grout - Patch.	M2	88.20
CF2620EV	Floor slab, concrete, crack, epoxy injection, up to 6 mm (1/4 in) wide crack, per residence per lineal metre of foundation or lineal metre of crack, whichever is greater - Repair.	M	222.20
CF2625EV	Floor slab, concrete, crack, epoxy injection, over 6 mm (1/4 in) wide crack, per residence per lineal metre of foundation or lineal metre of crack, whichever is greater - Repair.	M	256.60

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

FOOTINGS

SOR Code	SOR Description	Unit	Base Price
CF2700EV	Footings, concrete, spread, under 0.75 m3 (26.5 ft3) - Supply and install.	M3	247.90
CF2705EV	Footings, concrete, spread, under 0.75 m3 (26.5 ft3) - Replace.	M3	280.90

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

FOUNDATION WALL REPAIRS - GENERAL

SOR Code	SOR Description	Unit	Base Price
CF2805EV	Foundation wall, exterior foundation (all crack filling, patching and associated waterproofing) up to a depth of 2.5 m (8 ft-2 3/8 in), work as per spec, includes excavation, backfilling and landscaping, per residence per lineal metre of foundation - Repair.	M	393.20
CF2810EV	Foundation wall, exterior foundation (all crack filling, patching and associated waterproofing) up to a depth of 1.25 m (4 ft-1 1/4 in), work as per spec, includes excavation, backfilling and landscaping, per residence per lineal metre of foundation - Repair.	M	205.20
CF2815EV	Foundation wall waterproofing, full height basement, complete system, includes underdrain, crack filling. Primer, waterproofing membrane, insulation/protection or drainage board, excavation, backfilling, fill, up to 4 window wells - Replace or supply and install.	M	481.70
CF2820EV	Foundation wall waterproofing, full height basement, complete system, includes underdrain, crack filling. Primer, waterproofing membrane, insulation/protection or drainage board, excavation, backfilling, fill, up to 4 window wells - Replace or supply and install.	M2	210.30
CF2825EV	Foundation wall waterproofing, crawl space, complete system, includes underdrain, crack filling. Primer, waterproofing membrane, insulation/protection or drainage board, excavation, backfilling, fill, up to 4 window wells - Replace or supply and install.	M	248.80
CF2830EV	Foundation wall waterproofing, crawl space, complete system, includes underdrain, crack filling. Primer, waterproofing membrane, insulation/protection or drainage board, excavation, backfilling, fill, up to 4 window wells - Replace or supply and install.	M2	114.20

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

FOUNDATION WALL REPAIRS- WATERPROOFING / DAMPPROOFING - GENERAL

SOR Code	SOR Description	Unit	Base Price
CF2835EV	Foundation wall, waterproofing high density polyethylene membrane (does not include excavation) - Supply and install.	M2	34.00
CF2840EV	Foundation wall, dampproofing, bituminous asphalt coating, brushed on below grade, 1coat (does not include excavation) - Supply and install.	M2	17.10
CF2845EV	Foundation wall, dampproofing, bituminous asphalt coating, brushed on below grade, 2 coats (does not include excavation) - Supply and install.	M2	25.50
CF2850EV	Foundation wall, protective board, asphalt coated, in mastic, 6 mm thick (does not include excavation) - Supply and install.	M2	27.00

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

FOUNDATION WALL REPAIRS - WATERPROOFING / DAMPPROOFING - CRACK

SOR Code	SOR Description	Unit	Base Price
CF2855EV	Foundation wall crack, high pressure polyurethane foam injection from interior, per residence per lineal metre of foundation or lineal metre of crack, whichever is greater - Repair.	M	222.20
CF2860EV	Foundation wall crack, interior or exterior, accessible without digging, epoxy injection up to 6 mm wide, per residence per lineal metre of foundation or lineal metre of crack, whichever is greater - Repair.	M	222.20
CF2865EV	Foundation wall crack, exterior, below grade, epoxy injection up to 6 mm (1/4 in) wide crack, includes excavation, backfilling and landscaping, per residence per lineal metre of foundation or lineal metre of crack, whichever is greater - Repair.	M	294.00
CF2870EV	Foundation wall crack, interior or exterior, accessible without digging, epoxy injection over 6 mm (1/4 in) wide, per residence per lineal metre of foundation or lineal metre of crack, whichever is greater - Repair.	M	256.60
CF2875EV	Foundation wall crack, exterior, below grade, epoxy injection over 6 mm (1/4 in) wide, includes excavation, backfilling and landscaping, per residence per lineal metre of foundation or lineal metre of crack, whichever is greater - Repair.	M	312.10
CF2880EV	Foundation wall crack, interior or exterior, accessible without digging, latex injection up to 6 mm (1/4 in) wide, per residence per lineal metre of foundation or lineal metre of crack, whichever is greater - Repair.	M	188.10
CF2885EV	Foundation wall crack, exterior, below grade, latex injection up to 6 mm (1/4 in) wide, includes excavation, backfilling and landscaping, per residence per lineal metre of foundation or lineal metre of crack, whichever is greater - Repair.	M	277.10
CF2890EV	Foundation wall crack, interior or exterior, accessible without digging, latex injection over 6 mm (1/4 in) wide, per residence per lineal metre of foundation or lineal metre of crack, whichever is greater - Repair.	M	222.20
CF2895EV	Foundation wall crack, exterior, below grade, latex injection over 6 mm (1/4 in) wide, includes excavation, backfilling and landscaping, per residence per lineal metre of foundation or lineal metre of crack, whichever is greater - Repair.	M	294.00

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

FOUNDATION WALL REPAIRS - WATERPROOFING / DAMPPROOFING -PATCH

SOR Code	SOR Description	Unit	Base Price
CF2900EV	Foundation wall, interior or exterior, accessible without digging, includes chipping, cleaning and epoxy grout - Patch.	M2	87.10
CF2905EV	Foundation wall, exterior, above grade, includes chipping, sand blasting and two part polymer mix - Patch.	M2	69.30

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

RAILINGS - WROUGHT IRON

SOR Code	SOR Description	Unit	Base Price
CF3335EV	Railing, 1side, includes drilling and bolting, anchor to steps, per side - Remove and re-install.	EA	103.40
CF3350EV	Railings, wrought iron, prefinished, for 3 riser, 1.2 m (3 ft-11 1/4 in) porch, per railing 1side - Replace or supply and install.	EA	623.80
CF3360EV	Railings, wrought iron, prefinished, for 4 riser, 1.2 m (3 ft-11 1/4 in) porch, per railing 1side - Replace or supply and install.	EA	727.20
CF3370EV	Railings, wrought iron, prefinished, for 5 riser, 1.2 m (3 ft-11 1/4 in) porch, per railing 1side - Replace or supply and install.	EA	838.50
CF3375EV	Railings, wrought iron, prefinished, for straight landing, per lineal meter - Replace or supply and install.	M	235.10

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

REINFORCEMENT

SOR Code	SOR Description	Unit	Base Price
CF3400EV	Reinforcing bars, for concrete, 9.5 mm (3/8 in) - Supply and install.	M	5.70
CF3405EV	Reinforcing bars, for concrete, 12.7 mm (1/2 in) - Supply and install.	M	11.30
CF3410EV	Reinforcing bars, for concrete, 15.9 mm (5/8 in) - Supply and install.	M	17.00
CF3415EV	Steel mesh, welded, 152.4 mm x 152.4 mm (6 in x 6 in), #9 gauge - Supply and install.	M2	28.30

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

UNDERDRAINS / PERIMETER DRAINS

SOR Code	SOR Description	Unit	Base Price
CF3700EV	Foundation underdrain, full height basement, 100 mm (4 in) diameter PVC, includes fabric, gravel, excavation, and landscaping, per residence per lineal metre of foundation - Replace or supply and install.	M	359.10
CF3705EV	Foundation underdrain, 1/2 basement or crawlspace, 100 mm (4 in) diameter PVC, includes fabric, gravel, excavation, and landscaping, per residence per lineal metre of foundation - Replace or supply and install.	M	185.50

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

WINDOW WELLS - GENERAL

SOR Code	SOR Description	Unit	Base Price
CF4000EV	Window well, any width / depth, lift, re-attach (bolt) and seal to foundation wall, includes digging and backfilling, re-grade perimeter, topsoil and seeding to affected areas - Reset.	EA	265.70
CF4005EV	Window well cover, galvanized steel with wire mesh, 915 mm (3 ft) - Replace or supply and install.	EA	186.00
CF4010EV	Window well cover, galvanized steel with wire mesh, 1067 mm (3 ft-6 in) - Replace or supply and install.	EA	212.60
CF4015EV	Window well cover, galvanized steel with wire mesh, 1245 mm (4 ft-1 in) to 1524 mm (60 in) - Replace or supply and install.	EA	239.10
CF4020EV	Window well interior, excavate / dig out to a depth of 30 cm (1 ft), remove silted gravel and weed growth, replace with 25 mm (1 in) clear stone to 152 mm (6 in) below window sill, excludes window well removal - Clean.	EA	116.90

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

WINDOW WELLS - 1/2 HEIGHT

SOR Code	SOR Description	Unit	Base Price
CF4025EV	Window well, 915 mm - 1245 mm (3 ft-0 in - 4 ft-1 in) wide, half basement height, crawl space etc., up to 1219 mm (4 ft-0 in) deep from weeping tile to grade, includes excavation, foundation repair, bolting and sealing to foundation wall, stone fill interior, backfilling and re-grade perimeter, topsoil and seeding to affected areas, as per spec - Supply and install.	EA	692.80
CF4030EV	Window well, 915 mm - 1245 mm (3 ft-0 in - 4 ft-1 in) wide, half basement height, crawl space, up to 1219 mm (4 ft-0 in) deep from weeping tile to grade, includes excavation, foundation repairs, bolting and sealing to foundation wall, stone fill interior, backfilling and re-grade perimeter, topsoil and seeding to affected areas, as per spec - Replace.	EA	626.90
CF4035EV	Window well, 305 mm (12 in) high x 915 mm -1067 mm (36 in - 42 in) wide, includes excavation, bolting and sealing to foundation, stone fill interior, backfilling and re-grade perimeter, topsoil and seeding to affected areas - Supply and install.	EA	197.90
CF4040EV	Window well, 305 mm (12 in) high x 915 mm - 1067 mm (36 in - 42 in) wide, includes excavation, bolting and sealing to foundation, stone fill interior, backfilling and re-grade perimeter, topsoil and seeding to affected areas - Replace.	EA	169.60

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

CONCRETE AND FOUNDATION

WINDOW WELLS - FULL HEIGHT

SOR Code	SOR Description	Unit	Base Price
CF4045EV	Window well, 915 mm - 1245 mm wide, full basement height, more than 1219 mm (4 ft-0 in) deep, from weeping tile to grade, includes excavation, foundation repairs, bolting and sealing to foundation wall, stone fill interior, backfilling and re-grade perimeter, topsoil and seeding to affected areas - Supply and install.	EA	855.80
CF4050EV	Window well, 915 mm - 1245 mm (3 ft-0 in - 4 ft-1 in) wide, full basement height, more than 1219 mm (4 ft-0 in) deep from weeping tile to grade, includes excavation, foundation repairs, bolting and sealing to foundation wall, stone fill interior, backfilling and re-grade perimeter, topsoil and seeding to affected areas - Replace.	EA	769.60
CF4055EV	Window well, 610 mm (24 in) x 915 mm -1067 mm (36 in-42 in) wide, includes excavation, bolting and sealing to foundation, stone fill interior, backfilling and re-grade perimeter, topsoil and seeding to affected areas - Supply and install.	EA	344.80
CF4060EV	Window well, 610 mm (24 in) high x 915 mm - 1067 mm (36 in- 42 in) wide, includes excavation, bolting and sealing to foundation, stone fill interior, backfilling and re-grade perimeter, topsoil and seeding to affected areas - Replace.	EA	299.40
CF4065EV	Window well, 610 mm (24 in) x 1245 mm (49 in), includes excavation, bolting and sealing to foundation, stone fill interior, backfilling and re-grade perimeter, topsoil and seeding to affected areas - Supply and install.	EA	360.50
CF4070EV	Window well, 610 mm (24 in) high x 1245 mm (49 in) wide, includes excavation, bolting and sealing to foundation, stone fill interior, backfilling and re-grade perimeter, topsoil and seeding to affected areas - Replace.	EA	316.60

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

ASPHALT

GENERAL

SOR Code	SOR Description	Unit	Base Price
AS1000EV	Inspect and report on work required.	EA	45.20
AS1001EV	Coordination of multi-trade, multi-contractor tasks, per residence, per day of project activity.	EA	21.30

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

ASPHALT

PAVING

SOR Code	SOR Description	Unit	Base Price
AS1200EV	Asphalt paving, cold patch asphalt, includes removal of loose asphalt, up to 0.3 m2 (3 ft2) - Patch	EA	42.50
AS1205EV	Tack coat (SS 1) - Supply and install.	M2	1.70
AS1210EV	Asphalt paving, includes remove and dispose of asphalt and sub-base (to a maximum depth of 610 mm (2 ft) replace with Compacted Granular 'A' and pave asphalt thickness of 63 mm (2 1/2 in), additional m2 when combined with AS1250 - Replace or supply and install.	M2	116.30
AS1220EV	Asphalt crack, includes preparation - Seal.	M	5.30
AS1225EV	Asphalt, up to 63 mm (2 1/2 in) - Remove and dispose.	M2	15.70
AS1250EV	Asphalt paving, includes remove and dispose of asphalt and sub-base to a maximum depth of 610 mm (2 ft), replace with Compacted Granular 'A' and pave asphalt thickness of 63 mm (2 1/2 in), up to 5 m2 - Replace or supply and install.	EA	1,062.80

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

GENERAL

SOR Code	SOR Description	Unit	Base Price
MA1000EV	Inspect and report on work required.	EA	45.20
MA1001EV	Coordination of multi-trade, multi-contractor tasks, per residence, per day of project activity.	EA	21.30
MA1110EV	Scaffolding for storey and a half, steep pitch, styled units, when required for chimney repairs. Will be used in conjunction with other codes and only as directed by CFHA representative - Set up.	EA	90.30
MA1115EV	Scaffolding for two storey steep pitch, styled units, when required for chimney repairs. Will be used in conjunction with other codes and only as directed by CFHA representative - Set up.	EA	136.80

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

BLOCK WORK - BASEMENT WINDOWS - BLOCK IN

SOR Code	SOR Description	Unit	Base Price
MA1300EV	Block in basement window. Use 20.32 cm (8 in) concrete blocks, air tight, complete with waterproofing and backfilling. Includes removal and disposal of window, frame and window well.	EA	565.40
MA1305EV	Block in basement window. Use 20.32 cm (8 in) concrete blocks, air tight, complete with waterproofing. Includes removal and disposal of window and frame.	EA	492.90

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

BRICKWORK - GENERAL

SOR Code	SOR Description	Unit	Base Price
MA1400EV	Brick, veneer, walls, common brick, 102 mm (4 in) thick, running bond - Supply and install.	M2	128.10
MA1405EV	Bricks, clay common - Replace.	M2	158.20
MA1410EV	Bricks, concrete - Replace.	M2	174.60

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

CHIMNEYS - GENERAL

SOR Code	SOR Description	Unit	Base Price
MA1605EV	Chimney / fireplace, masonry, using WETT certified Contractor - Inspect and provide report	EA	169.60
MA1610EV	Chimney / fireplace, masonry, using WETT certified Contractor, per additional unit when used with another MA line item - Inspect and provide report.	EA	113.10
MA1615EV	Chimney bricks - Replace.	EA	28.30
MA1620EV	Chimney, masonry, any size, per CFHA Representative - Remove and dispose.	VM	169.60

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

CHIMNEYS - CAPS

SOR Code	SOR Description	Unit	Base Price
MA1640EV	Chimney cap, cast-in-place concrete, complete with drip and rubber isolation flashing - Replace.	EA	295.80
MA1645EV	Chimney cap, pre-cast concrete, complete with drip and rubber isolation flashing - Replace.	EA	205.40

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

CHIMNEYS - CLEAN OUTS

SOR Code	SOR Description	Unit	Base Price
MA1680EV	Chimney, clean-out door, cast iron, includes frame - Supply and install.	EA	164.10
MA1685EV	Chimney, clean-out door, cast iron, includes frame - Replace.	EA	69.20

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

CHIMNEYS - FLUES / BRICKS

SOR Code	SOR Description	Unit	Base Price
MA1725EV	Chimney, brick, 406 x 406 mm (16 in x 16 in) c/w 20 in x 8 in (204 mm x 204 mm) flue, includes cap, flue and flashing - Replace.	M	472.10
MA1730EV	Chimney, brick, 406 x 609 mm (16 in x 24 in) c/w 20 in x 8 in (204 mm x 204 mm) flue, includes cap, flue and flashing - Replace.	M	567.80
MA1735EV	Chimney, brick, 406 x 711mm (16 in x 28 in) c/w 20 in x 12 in (204 mm x 204 mm) flue, includes cap, flue and flashing - Replace.	M	513.10
MA1740EV	Chimney, brick, 508 x 813 mm (20 in x 32 in), c/w 20 in x 8 in (204 mm x 204 mm) flue, includes cap, flue and flashing - Replace.	M	581.50

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

CHIMNEYS - FLUE LINERS

SOR Code	SOR Description	Unit	Base Price
MA1770EV	Chimney flue liner, clay, 600 mm (24 in) long, for 200 mm x 200 mm (8 in x 8 in) chimney - Replace.	EA	73.50

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

CHIMNEYS - SCREENS

SOR Code	SOR Description	Unit	Base Price
MA1790EV	Squirrel and bird screens, galvanized, 203 mm x 203 mm (8 in x 8 in) flue - Replace or supply and install.	EA	106.90
MA1795EV	Squirrel and bird screens, galvanized, 330 mm x 330 mm (1 ft-1 in x 1 ft-1 in) flue - Replace or supply and install.	EA	132.50

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

FIREPLACES

SOR Code	SOR Description	Unit	Base Price
MA2535EV	Doors, fireplace, per set - Replace.	EA	571.90
MA2540EV	Fireplace screen, polished brass, glass doors, any size - Replace or supply and install.	EA	476.40
MA2555EV	Fireplace, decommission and block openings at firebox and cap as per specification.	EA	123.10

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

MASONRY - CLEAN

SOR Code	SOR Description	Unit	Base Price
MA3100EV	Masonry, clean with muriatic acid, using wire brush, includes rinse and clean up area, up to 2 m2 (21.5 ft2).	EA	28.30
MA3105EV	Masonry, clean with muriatic acid, using wire brush, includes rinse and clean up area, over 2 m2 (21.5 ft2).	M2	22.60

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

MASONRY - POINTING AND TOOTHING

SOR Code	SOR Description	Unit	Base Price
MA3115EV	Masonry, caulking, polysulfide - Remove and recaulk.	M	5.70
MA3120EV	Masonry, brick, hard mortar, running bond - Cut and repoint.	M2	85.30
MA3125EV	Masonry, brick, stonework, hard mortar - Cut and repoint.	M2	28.30
MA3130EV	Masonry, mask and grout method, running bond - Repoint.	M2	75.60

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

PARGING

SOR Code	SOR Description	Unit	Base Price
MA1630EV	Chimney, parged, spalling, up to 1 m2 (10.8 ft2) - Repair.	EA	84.80
MA1635EV	Chimney, parged, spalling, over 1 m2 (10.8 ft2) - Repair.	M2	79.20
MA3200EV	Parging, regular portland cement, 13 mm (1/2 in) thick - Supply and install.	M2	37.60
MA3205EV	Parging, waterproof portland cement, 13 mm (1/2 in) thick - Supply and install.	M2	42.80

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

STUCCO

SOR Code	SOR Description	Unit	Base Price
MA3505EV	Stucco, 25.4 mm (1 in) thick over wire mesh - Repair.	M2	44.20

CFHA SCHEDULE OF UNIT RATES - VALCARTIER 2020-2024

MASONRY

WINDOWS SILLS

SOR Code	SOR Description	Unit	Base Price
MA3900EV	Window sills, brick to match existing - Replace.	M	328.40
MA3905EV	Window sill, with new precast concrete / stone sill, includes all associated caulking - Replace.	M	238.10
MA3910EV	Window sills, concrete or stone sill, includes caulking - Remove and reset.	EA	82.00