



## RETURN BIDS TO:

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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

<b>Title - Sujet</b> Maintenance Services	
<b>Solicitation No. - N° de l'invitation</b> W857A-20WR03/A	<b>Date</b> 2020-01-20
<b>Client Reference No. - N° de référence du client</b> HAVWR03	<b>Amendment No. - N° modif.</b> 001
<b>File No. - N° de dossier</b> fk304.W857A-20WR03	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$FK-304-78269	
<b>Date of Original Request for Standing Offer</b> Date de la demande de l'offre à commandes originale	
2019-12-19	
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2020-02-03</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Dallaire, Maxime	<b>Buyer Id - Id de l'acheteur</b> fk304
<b>Telephone No. - N° de téléphone</b> (613) 296-1437 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Delivery Required - Livraison exigée</b>	
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	
<b>Security - Sécurité</b> 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

<b>Acknowledgement copy required</b> <b>Accusé de réception requis</b>	<b>Yes - Oui</b> <input type="checkbox"/>	<b>No - Non</b> <input type="checkbox"/>
<b>The Offeror hereby acknowledges this revision to its Offer.</b> <b>Le proposant constate, par la présente, cette révision à son offre.</b>		
<b>Signature</b>	<b>Date</b>	
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)		
<b>For the Minister - Pour le Ministre</b>		

**This amendment 001 is raised to:**

- 1. Replace the Appendix 5 – SUR Code Deselection;**
- 2. replace wording in MT1 and MT2;**
- 3. Answer questions from offerors for Wainwright.**

**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- Attachment 1 to part 4 – Technical Criteria**

In the Mandatory Technical Criteria: **MT1 and MT2**

**DELETE** the following paragraph:

\* Comparable size is defined as 75% of the number of assets under the management comparable to the size of the requirement specified in para 1.2.1 of Annex A Statement of Work.

**REPLACE** with the following paragraph:

\* Comparable size is defined as 75% of the number of assets under the management comparable to the size of the requirement specified in para 1.3.1 of Annex A Statement of Work.

**1. Question**

**Q How can I get some information about the flooring work for project: W857A-20WR01/A Blueprints, descriptions? How can I bid?**

A The scope of work is identified through the Schedule of Unit Rates as listed in Appendix 5 SUR Code Deselection of the Statement of Work and supported by Appendix 6 Schedule of Unit Rates Specification and the Statement of Work.

In HSC Wainwright we have 185 houses, which have on average 1,224 square feet of flooring space per unit. As to the types of flooring, generally, kitchens/bathrooms and entrances areas are vinyl or ceramic, main stairs are usually carpet, and the rest of the house (excluding the basement) is usually hardwood or hardwood type flooring (i.e. laminate, engineered wood).

**SUR Code Selection List - English**

**Liste des Taux Unitaires - Anglais**

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### GENERAL

SOR Code	SOR Description	Unit	Base Price
EL1000EV	Inspect and report on work required.	EA	45.20
EL1001EV	Coordination of multi-trade, multi-contractor tasks, per residence, per day of project activity.	EA	21.30
EL1010EV	Electric link between garage and house - Locate.	EA	33.70

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### BASEBOARD HEATING

SOR Code	SOR Description	Unit	Base Price
EL2040EV	Baseboard heater, electric, up to 750 W inclusive. Wiring not included - Replace or supply and install.	EA	166.90
EL2070EV	Baseboard heater, electric, 1000 W-1500 W inclusive. Wiring not included - Replace or supply and install.	EA	208.60
EL2090EV	Baseboard heater, electric, thermostat, built-in - Replace.	EA	75.00
EL2100EV	Baseboard heater, electric, low voltage relay - Replace.	EA	117.00
EL2120EV	Wall heater insert, electric, 1000 W, sized to suit existing, includes built in thermostat - Replace.	EA	309.10

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### **BREAKERS, LOADCENTRES, SERVICE ENTRANCES - FITTINGS**

SOR Code	SOR Description	Unit	Base Price
EL2910EV	Fittings, insulator, single point through bolt type - Replace or supply and install.	EA	75.00
EL2920EV	Fittings, 'LB', 32 mm (1 1/4 in), all types - Replace or supply and install.	EA	30.60
EL2940EV	Fittings, strap, 32 mm (1 1/4 in), all types - Replace or supply and install.	EA	11.30
EL2960EV	Fittings, 'LB', 51 mm (2 in), any type - Replace or supply and install.	EA	38.30
EL2990EV	Fittings, elbow, PVC, 45 degree or 90 degree, 32 - 51 mm (1 1/4 in - 2 in) - Replace or supply and install.	EA	15.30
EL3000EV	Fittings, lock nut, steel, 32 - 51 mm (1 1/4 in - 2 in) - Replace or supply and install.	EA	5.70
EL3030EV	Fittings, bushing, PVC, 32 - 51 mm (1 1/4 in - 2 in) - Replace or supply and install.	EA	5.70
EL3040EV	Fittings, adapter, offset male, PVC, 32 - 51 mm (1 1/4 in - 2 in) - Replace or supply and install.	EA	7.70
EL3070EV	Fittings, adapter, female, PVC, 32 - 51 mm (1 1/4 in - 2 in) - Replace or supply and install.	EA	7.70
EL3080EV	Fittings, nipple, steel, 32 - 51 mm (1 1/4 in - 2 in) diam., up to 10.5 cm (4 1/8 in) long - Replace or supply and install.	EA	7.70

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### **BREAKERS, LOADCENTRES, SERVICE ENTRANCES - METERS**

SOR Code	SOR Description	Unit	Base Price
EL3210EV	Meter, base, 200 A, single phase - Replace or supply and install.	EA	317.50
EL3240EV	Meter, base, 100 A, single phase - Replace or supply and install.	EA	217.30
EL3250EV	Meter, hub, all types, 32 - 51 mm (1 1/4 in - 2 in) - Replace or supply and install.	EA	84.20
EL3260EV	Meter jaws, per pair - Replace or supply and install.	EA	90.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### **BREAKERS, LOADCENTRES, SERVICE ENTRANCES - PANELS**

SOR Code	SOR Description	Unit	Base Price
EL2720EV	Panel, all sizes, complete unit, includes main breaker - Remove and dispose	EA	133.90
EL2740EV	Panel, 100 A, 30 circuit breakers, includes overhead mast / underground type service, all parts, and all breakers - Replace.	EA	1,435.10
EL2770EV	Panel, 100 A, 30 circuit breakers, underground type service, all parts, includes main breaker - Replace.	EA	1,519.30
EL2800EV	Panel, 100 A, 30 circuits, single phase, 120 / 240V, includes breakers. As required - Replace or supply and install.	EA	535.50
EL2830EV	Panel, 200 A, 40 circuits, single phase, 120 / 240V, includes breakers, as required - Replace or supply and install	EA	688.50
EL2896EV	Panel, all circuits (1 storey unit). Includes garage panel as per CFHA Representative - Identify and label.	EA	61.20
EL2897EV	Panel, all circuits (1-1/2 - 2 storey unit). Includes garage panel as per CFHA representative - Identify and label.	EA	91.80
EL2899EV	Panel, blank inserts to cover open breaker spaces - Install.	EA	11.30
EL2900EV	Panel, all connections, including mains, grounds, neutrals and breakers and give written report to CFHA - Clean and tighten.	EA	91.80
EL2905EV	Panel, exterior, all circuits - Identify and label.	EA	41.70



## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### **BREAKERS, LOADCENTRES, SERVICE ENTRANCES - SERVICE ENTRANCES**

SOR Code	SOR Description	Unit	Base Price
EL3300EV	Service entrance conduit - Resecure.	EA	58.90
EL3305EV	Mast kit, service entrance, clevis service wire and anchor, includes insulator(s) - Replace.	EA	133.90
EL3310EV	Mast kit, service entrance, mast kit, overhead service, includes pipe, wire and fittings - Replace.	EA	334.30
EL3320EV	Mast kit, service entrance, weather head, all types 32 - 51 mm - Replace or supply and install.	EA	50.50
EL3350EV	Mast kit, service entrance, conduit, all types, all sizes, to 4.6 m high - Remove and dispose.	M	9.00
EL3390EV	Service entrance, fuse disconnect, 100 A, 120/240V - Replace or supply and install.	EA	420.80
EL3410EV	Service entrance, fuse disconnect, 200 A, single phase - Replace or supply and install.	EA	659.40
EL3440EV	Service entrance, fuse, plug type -P-, 15 A to 30 A - Replace.	EA	43.60
EL3460EV	Service entrance, fuse, blade type -P-, 100 A - Replace.	EA	75.00
EL3470EV	Service entrance, fuse, blade type -P-, 200 A - Replace.	EA	108.60

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### **BREAKERS, LOADCENTRES, SERVICE ENTRANCES - STANDARD BREAKERS**

SOR Code	SOR Description	Unit	Base Price
EL2410EV	Breaker, 15 A, 1 pole - Replace or supply and install.	EA	52.00
EL2412EV	Breaker - Remove and dispose.	EA	42.10
EL2450EV	Breaker, 20 A, 1 pole - Replace or supply and install.	EA	56.60
EL2470EV	Breaker, 15 A - 20 A, 2 pole - Replace or supply and install.	EA	76.50
EL2530EV	Breaker, 30 A or 40 A, 1 pole - Replace or supply and install.	EA	75.00
EL2550EV	Breaker, 30 A or 40 A, 2 pole - Replace or supply and install.	EA	84.20
EL2570EV	Breaker, 60 A, 2 pole - Replace or supply and install.	EA	99.50
EL2590EV	Breaker, 100 A, 2 pole - Replace or supply and install.	EA	122.40
EL2610EV	Breaker, 15 A / 20 A, GFCI - Replace or supply and install.	EA	139.10
EL2611EV	Breaker, 15 A / 20 A GFCI, 2 pole - Replace or supply and install.	EA	313.00
EL2620EV	Breaker, Quad, 15-15-15 to 15-40-15 inclusive, Replace or supply and install.	EA	91.80
EL2630EV	Breaker, 15 A, arc fault circuit interrupters (AFCIs) - Replace or supply and install.	EA	173.90

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### CABLES AND WIRES

SOR Code	SOR Description	Unit	Base Price
EL1200EV	Cable, sheathed, non-metallic (NM), any size - Remove and dispose.	M	2.80
EL1220EV	Cable, sheathed, NM, #8/2 wire, for feeders -Replace or supply and install.	M	13.00
EL1240EV	Cable, sheathed, NM, #8/3 wire, for stoves - Replace or supply and install.	M	16.80
EL1260EV	Cable, sheathed, NM, #10/2 wire, for baseboard heaters and a/c - Replace or supply and install.	M	10.10
EL1280EV	Cable, sheathed, NM, #10/3 wire, for dryers - Replace or supply and install.	M	12.50
EL1300EV	Cable, sheathed, NM, #12/2 wire, for small appliances, and kitchen - Replace or supply and install.	M	7.50
EL1320EV	Cable, sheathed, NM, #12/3 wire, for small appliances, and kitchen, 3 or 4 way switches - Replace or supply and install.	M	11.00
EL1340EV	Cable, sheathed, NM, #14/2 wire, for general lighting and receptacles - Replace or supply and install.	M	6.70
EL1342EV	Cable, sheathed, NM, #14/3 wire, for general lighting and receptacles - Replace or supply and install.	M	8.40
EL1350EV	Cable, armoured, #14 2 or #12/2 BX, for surface mounted general lighting and receptacles - Replace or supply and install.	M	7.70
EL1355EV	Cable, armoured, #14/3 or #12/3 BX, for surface mounted general lighting and receptacles - Replace or supply and install.	M	9.20
EL1810EV	Wire, copper, bare, stranded #6, includes clamps - Replace or supply and install.	M	5.20
EL1830EV	Wire, copper, bare, stranded #2, includes clamps - Replace or supply and install.	M	7.30
EL1850EV	Wire, copper, insulated, #6 RW90, (60AMP Service) - Replace or supply and install.	M	9.00
EL1880EV	Wire, copper, insulated, #3 RW90, (100AMP Service) - Replace or supply and install.	M	12.70
EL1910EV	Wire, copper, insulated, #3/0 RW90, (200AMP Service) -Replace or supply and install.	M	21.30

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### CONDUIT - PVC

SOR Code	SOR Description	Unit	Base Price
EL1600EV	Conduit, PVC, 13 mm to 19 mm (1/2 in to 3/4 in), includes all associated fittings - Replace or supply and install.	M	10.70
EL1610EV	Conduit, PVC, 25 mm (1 in), includes all associated fittings - Replace or supply and install.	M	13.30
EL1640EV	Conduit, PVC, 32 mm (1 1/4 in), includes all associated fittings - Replace or supply and install.	M	16.10
EL1670EV	Conduit, PVC, 50 mm (2 in), includes all associated fittings - Replace or supply and install.	M	24.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### CONDUIT - CONDUITS AND WIRES

SOR Code	SOR Description	Unit	Base Price
EL1500EV	Wire and conduit 13 to 50 mm (1/2 in to 2 in), all types and associated fittings - Remove, refit, rework.	M	15.30
EL1510EV	Wire and conduit 13 to 50 mm (1/2 in to 2 in), all types and associated fittings - Remove and dispose.	M	3.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### CONDUIT - CONDUITS AND/OR FITINGS

SOR Code	SOR Description	Unit	Base Price
EL1400EV	Conduit, fitting, insulated grounding bushing, 32 mm to 50 mm (1 1/4 in to 2 in) - Replace.	EA	42.10
EL1405EV	Conduit, any size, includes fittings and boxes - Remove and dispose.	M	3.10

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### CONDUIT - ELECTRICAL METALLIC TUBING (EMT)

SOR Code	SOR Description	Unit	Base Price
EL1410EV	Conduit, EMT/ rigid steel, 13 mm (1/2 in), includes all associated fittings, excluding boxes - Supply and install.	M	10.20
EL1430EV	Conduit, EMT/rigid steel, 19 mm (3/4 in), includes all associated fittings, excluding boxes, supply and install.	M	13.60
EL1710EV	Conduit, EMT/rigid steel, 25 mm (1 in), includes associated fittings - Replace or supply and install.	M	21.70
EL1740EV	Conduit, EMT/rigid steel, 32 mm (1 1/4 in), includes associated fittings - Replace or supply and install.	M	26.90
EL1770EV	Conduit, EMT/rigid steel, 50 mm (2 in), includes associated fittings - Replace or supply and install.	M	38.30

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024****ELECTRICAL****DETECTORS / ALARMS - COMBINATION UNITS, SMOKE ALARM / CARBON MONOXID**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
EL6552EV	Combination unit, Smoke alarm / Carbon Monoxide detector, any type - Replace under warranty.	EA	42.50
EL6558EV	Combination unit, Smoke alarm / Carbon Monoxide detector, AC / DC powered, with battery back-up and hush feature, includes all associated wiring, boxes, fittings, concealed 10 year lithium battery - Supply and install.	EA	277.10
EL6561EV	Combination unit, Smoke alarm / Carbon Monoxide detector, AC / DC powered, with battery back-up and hush feature, includes all associated wiring, boxes, fittings and standard battery - Supply and install.	EA	265.70
EL6562EV	Combination unit, Smoke alarm / Carbon Monoxide detector, includes standard battery - Replace.	EA	90.50
EL6563EV	Combination unit, Smoke alarm / Carbon Monoxide detector, includes concealed 10 year lithium battery - Replace.	EA	113.10



## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### DETECTORS / ALARMS - GENERAL

SOR Code	SOR Description	Unit	Base Price
EL6500EV	Smoke alarm, Carbon Monoxide detector or combination alarm - Remove and dispose.	EA	20.40
EL6550EV	Smoke alarm, Carbon Monoxide detector or Combination unit (smoke alarm/CO detector), operation, per dwelling (up to 10 alarms) - Check.	EA	41.70
EL6559EV	Smoke alarm or Carbon Monoxide detector, 10 year lithium battery, as per manufacturer's instructions - Replace or supply and install.	EA	27.80
EL6560EV	Smoke alarm or Carbon Monoxide detector, 9 Volt (1) or AA (2) battery, as per manufacturer's instructions - Replace.	EA	20.90

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### **DETECTORS / ALARMS - SMOKE ALARM OR CARBON MONOXIDE DETECTOR**

SOR Code	SOR Description	Unit	Base Price
EL6520EV	Smoke alarm or Carbon Monoxide detector, battery powered - Replace or supply and install	EA	56.50
EL6525EV	Smoke alarm or Carbon Monoxide detector, any type supplied by CFHA - Replace.	EA	30.60
EL6530EV	Smoke alarm (ionization or photoelectric) or Carbon Monoxide detector, AC / DC powered, with battery back-up and hush feature, includes all associated wiring, boxes and fittings - Supply and install.	EA	254.40
EL6542EV	Smoke alarm (ionization or photoelectric) or Carbon Monoxide detector, AC / DC powered, with battery back-up and hush feature - Replace.	EA	83.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### DOORBELLS

SOR Code	SOR Description	Unit	Base Price
EL3500EV	Doorbell, system, hard wired, includes all wiring, transformer, chime kit c/w two buttons - Replace or supply and install.	EA	282.30
EL3520EV	Doorbell, system, hard wired - Remove.	EA	38.30
EL3535EV	Doorbell, system, wireless chime, alkaline battery powered receiver and doorbell buttons, includes batteries, as per CFHA Representative - Replace or supply and install.	EA	166.80
EL3550EV	Doorbell, wireless chime, receiver, includes batteries - Replace.	EA	142.30
EL3560EV	Doorbell, wireless chime, button - Replace.	EA	25.20
EL3570EV	Doorbell, wire LVT, #18/2 or 18/3 as required - Replace or supply and install.	M	3.40
EL3620EV	Doorbell, button, wiring not included - Replace or supply and install.	EA	23.00
EL3630EV	Doorbell, chime kit, includes chime, 2 buttons and transformer - Replace or supply and install.	EA	160.70
EL3631EV	Doorbell, wired door chime/bell/buzzer - Replace.	EA	97.40
EL3650EV	Doorbell, system transformer, 16 or 24 V - Replace or supply and install.	EA	61.20

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### **FANS - BATHROOM**

SOR Code	SOR Description	Unit	Base Price
EL3700EV	Fan, bathroom exhaust - Remove.	EA	26.00
EL3701EV	Fan, bathroom fan cover - Replace.	EA	33.70
EL3703EV	Fan, bathroom exhaust, any size, interior assembly. Includes motor and blade - Replace.	EA	113.10
EL3710EV	Fan, bathroom exhaust, includes insulated piping, vapour barrier for electrical box, excludes switch and wiring, as per specification - Supply and install.	EA	382.50
EL3720EV	Fan, bathroom exhaust, includes vapour barrier for electrical box, as per specification - Replace.	EA	340.80
EL3721EV	Fan, bathroom exhaust, for powder room / half bathroom, includes insulated piping, excludes switch and wiring, as per specification - Supply and install.	EA	326.90
EL3722EV	Fan, bathroom exhaust, for powder room / half bathroom, includes vapour barrier for electrical box, as per specification - Replace.	EA	285.10
EL3790EV	Fan, bathroom exhaust, from any type to insulated piping, up to 7.6 m (24 ft-11 1/4 in) - Replace.	EA	76.50
EL3792EV	Fan, bathroom fan switch, not connected to lighting, includes all wiring, boxes and covers - Supply and install.	EA	152.20
EL3795EV	Fan, bathroom timer switch, 60 minute, spring wound, switch - Replace or supply and install.	EA	58.90
EL3797EV	Fan, bathroom exhaust, motor and blade, interior housing, cover and damper - Clean.	EA	30.60
EL5822EV	Fan, bathroom, poly vapour barrier for electrical box - Replace or supply and install.	EA	19.20

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### FANS - CEILING FANS

SOR Code	SOR Description	Unit	Base Price
EL3800EV	Fan, ceiling, complete with light kit, not including switch or installation of new wire - Replace.	EA	166.80
EL3820EV	Fan, ceiling - Remove and dispose.	EA	33.90
EL3830EV	Fan, ceiling, motor speed switch, includes wiring - Supply and install.	EA	183.60
EL3835EV	Fan, ceiling, motor speed switch only - Replace or supply and install.	EA	68.90
EL3845EV	Fan, ceiling - Remove and reinstall.	EA	67.80

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### **FANS - RANGE HOODS**

SOR Code	SOR Description	Unit	Base Price
EL3900EV	Fan, exhaust, range hood, vented, includes wiring, as per specification - Supply and install.	EA	633.30
EL3910EV	Fan, exhaust, range hood, vented, excludes wiring, as per specification - Replace.	EA	373.20
EL3950EV	Fan, exhaust, range hood, recirculating - Replace.	EA	319.90
EL3951EV	Fan, range hood motor, includes cleaning or replacement of fan assembly - Replace.	EA	76.50
EL3960EV	Range hood filter, recirculating, charcoal, all sizes, per rangehood - Replace or supply and install.	EA	42.10
EL3980EV	Range hood filter, vented, regular metal mesh, all sizes, per rangehood - Replace or supply and install.	EA	26.40
EL3981EV	Range hood filter, vented, micromesh in aluminum, all sizes, per rangehood - Replace or supply and install.	EA	73.50
EL3985EV	Range hood - Remove and reinstall.	EA	84.80
EL3990EV	Range hood, light cover - Replace.	EA	53.60
EL3995EV	Range hood - Remove and dispose.	EA	30.60
EL3996EV	Range Hood - Resecure.	EA	20.90
EL3997EV	Range hood, existing, vent through outside wall, includes cutting hole, insulated ducting and exhaust cap - Supply and install.	EA	229.50
EL4020EV	Range hood, exhaust cap - Repair or replace.	EA	56.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### GROUNDING

SOR Code	SOR Description	Unit	Base Price
EL4070EV	Grounding rod, copper clad, 3 m (9 ft-10 1/8 in) long, 20 mm (3/4 in) diam., wire - Replace or supply and install, and reconnect.	EA	151.50
EL4090EV	Grounding rod, water pipe clamp, heavy duty, bronze, 12 mm to 25 mm (1/2 in to 1 in) diam. Includes cleaning connections - Replace or supply and install.	EA	43.60
EL4091EV	Grounding plate - Supply and install.	EA	133.90

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### HOT WATER TANKS (HWT)

SOR Code	SOR Description	Unit	Base Price
EL4140EV	HWT, 2 pole, 30 Amp disconnect switch, includes entire unit, fuses, wiring and clamps. Furnace or Hot Water Tank - Supply and install.	EA	114.80
EL4145EV	HWT, 2 pole, 30 Amp disconnect switch, including fuses and clamps. Furnace or Hot Water Tank - Replace.	EA	99.50



## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### LIGHTING - EXTERIOR RECESSED / SURFACE MOUNTED

SOR Code	SOR Description	Unit	Base Price
EL5200EV	Exterior fixture, recessed / surface mounted, includes cleaning - Remove, repair, rework and reinstall.	EA	45.20
EL5250EV	Exterior fixture, approximately 280 mm (11 in), cast aluminum, 100 W equivalent, includes LED bulbs - Supply and install.	EA	125.50
EL5260EV	Exterior fixture, coach lantern, includes LED bulbs - Replace.	EA	133.90

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### LIGHTING - GENERAL

SOR Code	SOR Description	Unit	Base Price
EL4295EV	Bulb, security fixture, LU 50 / 70 / 100 HP sodium bulb or approved acceptable alternative - Replace.	EA	107.10
EL4830EV	Fixture, shade, square or round, all types - Replace or supply and install.	EA	25.20
EL4840EV	Fixture, pendant globe, 203 mm - 254 mm (8 in - 10 in) white glass, includes bulbs. No additional wiring - Replace or supply and install.	EA	91.80
EL4850EV	Fixture - Resecure	EA	15.90
EL4920EV	Fixture, keyless or pull chain, includes bulbs, no additional wiring - Replace or supply and install.	EA	26.80
EL5060EV	Fixture - Repair.	EA	33.70
EL5350EV	Photocell, electric - Replace.	EA	99.50
EL7000EV	Bulb, LED, shape A19, 800 lumens, 8.5 W, medium base (E-26), to be used with EL code for fixture - Replace or supply and install.	EA	8.40
EL7010EV	Bulb, LED, shape G25, 500 lumens, 5.5 W, medium base (E-26), to be used with EL code for fixture - Replace or supply and install.	EA	16.70
EL7020EV	Bulb, LED, shape A19, 800 lumens, 8.5 W, medium base (E-26) - Replace or supply and install.	EA	11.20
EL7030EV	Bulb, LED, shape G25, 500 lumens, 5.5 W, medium base (E-26) - Replace or supply and install.	EA	22.30

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### **LIGHTING - INTERIOR**

SOR Code	SOR Description	Unit	Base Price
EL4800EV	Fixture, surface mounted, 1 bulb, white - Replace or supply and install.	EA	58.90
EL4810EV	Fixture, surface mounted, 2 bulb, white - Replace or supply and install.	EA	80.30
EL4820EV	Fixture, surface mounted, 3 bulb, white - Replace or supply and install.	EA	93.30
EL4880EV	Fixture, recessed downlight (pot light), integrated LED, round, pre-wired, 50 W or 75 W equivalent - Replace or supply and install.	EA	98.70
EL4900EV	Fixture, recessed downlight (pot light), any type - Remove, re-work and reinstall.	EA	33.70
EL4935EV	Fixture, for dining room, 3 lite, hanging chandelier, metal, half globes - Replace or supply and install.	EA	191.30
EL4950EV	Fixture, for dining room, 5 lite, hanging chandelier, metal, half globes - Replace or supply and install.	EA	223.20
EL4970EV	Fixture, for bathroom, any type, 3 bulb - Replace or supply and install.	EA	116.90
EL4980EV	Fixture, for bathroom, any type, 2 bulb - Replace or supply and install.	EA	85.00
EL5010EV	Fixture, for bathroom, any type, 4 bulb - Replace or supply and install.	EA	143.50
EL5020EV	Fixture, track lighting - Remove and dispose.	EA	47.40
EL5040EV	Fixture, track lighting, 1 circuit, 2.4 m (7 ft-10 1/2 in) section - Supply and install.	EA	238.70
EL5070EV	LED integrated fixture, 1200 mm length, surface mounted, wrap around style - Replace or supply and install.	EA	159.40
EL5080EV	LED integrated fixture, 600 mm length, surface mounted, wrap around style - Replace or supply and install.	EA	127.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### **LIGHTING - INTERIOR - FLUORESCENT - FIXTURES**

SOR Code	SOR Description	Unit	Base Price
EL4330EV	Fluorescent fixture, any size - Remove and dispose.	EA	33.90
EL4340EV	T-8 Fluorescent fixture, 250 mm x 1200 mm (9 7/8 in x 3 ft-11 1/4 in), surface mount, with wrap around diffuser, includes tubes - Supply and install.	EA	153.00
EL4350EV	T-8 Fluorescent fixture, 250 mm x 1200 mm (9 7/8 in x 3 ft-11 1/4 in), surface mount, with wrap around diffuser, includes tubes - Replace.	EA	99.50
EL4360EV	T-8 Fluorescent fixture, 300 mm x 1200 mm (11 3/4 in x 3 ft-11 1/4 in), recessed / lay-in, acrylic lens, three tubes, includes tubes - Supply and install.	EA	183.60
EL4370EV	T-8 Fluorescent fixture, 300 mm x 1200 mm (11 3/4 in x 3 ft-11 1/4 in), recessed / lay-in, acrylic lens, three tubes, includes tubes - Replace.	EA	140.80
EL4430EV	T-8 Fluorescent fixture, 600 mm x 1200 mm (1 ft-11 5/8 in x 3 ft-11 1/4 in), all types, 2, 3 or 4 tubes with armoured cable, includes tubes - Supply and install.	EA	234.10
EL4440EV	T-8 Fluorescent fixture, 600 mm x 1200 mm (1 ft-11 5/8 in x 3 ft-11 1/4 in), all types, 2, 3 or 4 tubes with armoured cable, includes tubes - Replace.	EA	192.00
EL4630EV	T-8 Fluorescent fixture, bathroom, 450 - 600 mm (1 ft-5 3/4 in x 1 ft-11 5/8 in), 2 tubes, includes tubes - Replace.	EA	84.20
EL4650EV	T-8 Fluorescent fixture, prewired or hardwired with shade, includes tubes - Replace.	EA	84.20

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### LIGHTING - INTERIOR - FLUORESCENT - REPAIRS

SOR Code	SOR Description	Unit	Base Price
EL4380EV	Fluorescent fixture shade, all types, up to and including 600 x 1200 mm (1 ft-11 5/8 in x 3 ft-11 1/4 in) - Replace or supply and install.	EA	61.20
EL4700EV	Fluorescent fixture, 1200 mm (3 ft-11 1/4 in) - Remove, re-work, and reinstall.	EA	38.30
EL4710EV	Fluorescent fixture ballast, all types, 2 tube - Replace.	EA	68.90
EL4715EV	Fluorescent fixture ballast, electronic, rapid start, sound rating A - Replace or supply and install.	EA	70.20
EL4720EV	Fluorescent fixture ballast, T-8, sound rating A - Replace or supply and install.	EA	107.10
EL4740EV	Fluorescent fixture, lamp holder ends - Replace.	EA	27.50
EL4770EV	Fluorescent fixture tube, any size, any type, per bulb - Replace or supply and install.	EA	15.10

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### RECEPTACLES, SWITCHES - BLOCK HEATER RECEPTACLES

SOR Code	SOR Description	Unit	Base Price
EL5410EV	Receptacle, exterior, block heater, includes, 50 mm (2 in) rigid post, FS box, GFCI duplex receptacle and weatherproof while in use cover, 15 A push breaker and breaker cover, and concrete base - Replace.	EA	667.80
EL5420EV	Receptacle, exterior, block heater, FS box. Includes box, receptacle and weatherproof while in use cover - Replace.	EA	133.90
EL5430EV	Receptacle, exterior, block heater, 15 A push breaker and cover - Replace.	EA	84.20
EL5440EV	Receptacle, exterior, block heater, 50 mm (2 in) rigid post, includes concrete base. Reuse existing FS box, receptacle and cover - Replace.	EA	166.80
EL5450EV	Receptacle, exterior, block heater, FS box, GFCI duplex receptacle and weatherproof while in use cover, 15 A push breaker and breaker cover - Replace.	EA	367.20

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### RECEPTACLES, SWITCHES - COVER PLATES

SOR Code	SOR Description	Unit	Base Price
EL5580EV	Cover, nylon, wall plates, 1 gang, switch or receptacle cover - Replace or supply and install.	EA	9.30
EL5600EV	Cover, nylon, wall plates, 2 gang, switch, receptacle or combination cover - Replace or supply and install.	EA	10.70
EL5620EV	Cover, nylon, wall plates, 3 gang, switch, receptacle or combination cover - Replace or supply and install.	EA	13.00
EL5640EV	Cover, nylon, wall plates, 4 gang, switch, receptacle or combination cover - Replace or supply and install.	EA	17.00
EL5710EV	Cover, ceiling box, decorative blank, half domed, prefinished, screw caps included - Replace.	EA	19.90

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### RECEPTACLES, SWITCHES - ELECTRICAL BOXES

SOR Code	SOR Description	Unit	Base Price
EL5730EV	Junction box cover, round metal plate, 102 mm to 120 mm (4 in to 4 3/4 in) - Replace or supply and install.	EA	10.70
EL5800EV	Box, all types, all sizes up to and including 124 mm (4 11/16 in), includes blank cover or metal cover - Replace or supply and install.	EA	30.60
EL5810EV	Box, outlet, surface or recessed - Secure.	EA	23.00
EL5820EV	Box, outlet, PVC, includes cutting siding - Supply and install.	EA	38.30
EL5821EV	Box, vapour barrier, for 1-4 gang, octagon for range / dryer - Replace or supply and install.	EA	5.70
EL5832EV	Box, insulate behind using low expanding foam, includes removal and re- installation of all covers and devices.	EA	22.60



## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### RECEPTACLES, SWITCHES - FURNACE SWITCHES

SOR Code	SOR Description	Unit	Base Price
EL6380EV	Switch, exterior / interior, pilot switch with indicator light - Replace.	EA	67.30
EL6411EV	Switch cover, labelled, furnace - Replace or supply and install.	EA	12.20
EL6420EV	Switch, furnace, thermal cut off switch with plate, entire unit - Supply and install.	EA	117.00
EL6430EV	Switch, furnace, thermal cut off switch, with plate, entire unit - Replace.	EA	100.20

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### RECEPTACLES, SWITCHES - GROUND FAULT CIRCUIT INTERRUPTERS (GFCI)

SOR Code	SOR Description	Unit	Base Price
EL5910EV	GFCI receptacle, interior, includes box, and cover (excludes wire and breaker) - Supply and install.	EA	75.00
EL5920EV	GFCI receptacle, interior, includes cover, replace.	EA	50.50
EL5930EV	GFCI receptacle, exterior, includes box, and weatherproof while in use cover (excludes wire and breaker) - Supply and install.	EA	100.20
EL5940EV	GFCI receptacle, exterior, with weatherproof while in use cover - Replace.	EA	61.20
EL5945EV	GFCI, receptacle, exterior, using existing cover - Replace.	EA	45.90
EL5950EV	GFCI receptacle, exterior, single duplex outlet, assorted weatherproof while in use cover - Replace or supply and install.	EA	45.20
EL5955EV	Receptacle on ungrounded circuit, from any type to labelled GFCI receptacle - Replace.	EA	50.50
EL5965EV	GFCI receptacle, interior, labelled, for ungrounded circuits, at the beginning of circuit near electrical panel, includes cover, box, wire up to 3 m (9 ft-10 1/8 in) and all associated fittings - Supply and install.	EA	101.80

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### **RECEPTACLES, SWITCHES - RECEPTACLES**

SOR Code	SOR Description	Unit	Base Price
EL6000EV	Receptacle - Resecure.	EA	17.00
EL6010EV	Receptacle, interior / exterior, includes cap wires, cover box with blank and update electrical panel labelling - Remove and dispose.	EA	28.30
EL6011EV	Receptacle / outlet, includes supply and installation grounding clamp and single conductive wire up to 5 m (16 ft-5 in) long - Ground.	EA	65.80
EL6020EV	Receptacle, 15 Amp or 20 Amp, grounded, white or beige - Replace.	EA	36.70
EL6030EV	Receptacle, grounded, 15 Amp to 20 Amp, includes cover, box, wire up to 5 m (16 ft-5 in) and all associated fittings - Supply and install.	EA	101.80
EL6040EV	Receptacle 15 Amp, grounded - Replace.	EA	21.40
EL6045EV	Receptacle 20 Amp, grounded - Replace.	EA	28.30
EL6080EV	Receptacle with switch, any type. Wire not included - Relocate.	EA	84.20
EL6090EV	Receptacle, for stove or dryer, recessed, includes box and connector. Wire not included - Supply and install.	EA	84.20
EL6100EV	Receptacle, for stove or dryer - Replace.	EA	45.20
EL6120EV	Receptacle, 15 Amp to 20 Amp, grounded, complete, includes wire, box, vapor barrier for electrical box, connectors and breaker at panel - Supply and install.	EA	203.50
EL6125EV	Split receptacle, complete, includes wire, box, connectors and 2 Pole 15A breaker - Supply and install.	EA	254.40
EL6130EV	Receptacle, recessed stove or dryer receptacle, complete, includes wire, box, connectors and breaker at panel - Supply and install.	EA	309.10

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### RECEPTACLES, SWITCHES - SWITCHES

SOR Code	SOR Description	Unit	Base Price
EL6200EV	Switch, complete from power source to light and/or fan, includes wiring, box, switch and cover - Supply and install.	EA	152.20
EL6201EV	Switch, any type. Wire not included - Relocate.	EA	84.20
EL6211EV	Switch, interior, includes cap wires, cover box with blank and update electrical panel labelling - Remove and dispose.	EA	16.80
EL6270EV	Switch, single pole, toggle type, 15 Amp - Replace.	EA	26.00
EL6310EV	Switch, 3 way, toggle type, 15 Amp - Replace.	EA	42.10
EL6315EV	Switch, 4 way, toggle type, 15 Amp - Replace.	EA	58.80
EL6370EV	Switch, dimmer, incandescent, any type - Replace.	EA	61.20

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### TELEPHONE / TV / DATA WIRING

SOR Code	SOR Description	Unit	Base Price
EL6600EV	Telephone, T.V., or data, jack, surface mounted, includes all necessary wire (4 conductor, 22 gauge) - Supply and install.	EA	84.20
EL6610EV	Telephone, T.V., or data, jack, recessed, includes all necessary wire (4 conductor, 22 gauge). Includes metal box - Supply and install.	EA	117.00
EL6630EV	Telephone, T.V., or data, jack, recessed, surface mounted, jack only - Replace.	EA	33.90
EL6640EV	Telephone, T.V., or data wire - Replace and dispose.	M	2.30
EL6650EV	Telephone, T.V., or data, jack, surface mounted, or recessed, cover - Replace.	EA	17.00

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### ELECTRICAL

#### THERMOSTATS - BASEBOARD

SOR Code	SOR Description	Unit	Base Price
EL6735EV	Thermostat, line voltage, programmable - Replace or supply and install.	EA	111.30
EL6743EV	Thermostat, line voltage, programmable, includes all associated wiring and materials up to 10 m - Replace or supply and install.	EA	243.40
EL6747EV	Thermostat, line voltage, non programmable, includes all associated wiring and materials up to 10 m (32 ft-9 3/4 in) - Supply and install.	EA	201.70
EL6749EV	Thermostat, line voltage, non programmable - Replace or supply and install.	EA	97.40