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Bid Receiving Public Works and Government
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800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British Columbia
V6Z 0B9
Bid Fax: (604) 775-9381

SOLICITATION AMENDMENT MODIFICATION DE L'INVITATION

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

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

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Public Works and Government Services Canada - Pacific
Region
800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British C
V6Z 0B9

Title - Sujet Canteen Relocation, Building M	
Solicitation No. - N° de l'invitation EZ899-202574/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client	Date 2020-03-09
GETS Reference No. - N° de référence de SEAG PW-\$PWY-028-8745	
File No. - N° de dossier PWY-9-42221 (028)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-03-19	Time Zone Fuseau horaire Pacific Daylight Saving Time PDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Lam (PWY), Tian	Buyer Id - Id de l'acheteur pwy028
Telephone No. - N° de téléphone (604) 363-7968 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: CSC - Building M, Mission Institution - Mission, BC	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
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

Les documents seront disponibles en français sur demande.

The Solicitation Amendment 002 is raised to publish attendees of the site visit, to issue Addendum 001 and to extend the bid closing date and time.

- 1) An optional site visit was held on March 4, 2020.
The companies that attended the site visit are as follows:

Boston Construction
Tikal Construction
Bluecon Design & Construction
Nations Construction

- 2) Please see Addendum 001 herein.

- 3) The solicitation's bid closing date and time has been changed as follows:

Extension of Time for Tenderers

Canteen Relocation, Building M
Mission Institution, Mission, BC
Solicitation No: EZ899-202574/A

Notice is hereby given that the time for reception of tenders previously due at 2:00 p.m. P.D.T. on March 11, 2020 is hereby extended to **2:00 p.m. P.D.T. on March 19, 2019.**

All other terms and conditions remain unchanged.

Location: 8751 Stave Lake Street, Mission BC
Building: Mission Medium Institution, Building M
Canteen Relocation

The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents.

1. Specification:

.1 Section 26 05 00 – Common Work Results

Clause 1.5.2:

(1) Revise: paragraph to read:

“Remove all existing outlets, equipment and wiring unless otherwise instructed and provide new equipment, power and data outlets complete with conduits and wiring in the spaces as indicated. Provide grommets on each Point of Sale (POS) millwork for cable management.”

.2 Section 26 05 21 – Wires and Cables (0 – 1000V)

Clause 3.1.2:

(1) Revise: paragraph to read:

“Provide a green insulated bond conductor in all conduits sized in accordance with CSA C22.1 – 2018, Canadian Electrical Code, Part 1”.

.3 Section 26 27 26 – Wiring Devices

Clause 2.2.2:

(1) Revise: paragraph to read:

“Operating Range: 10 – 100% Dimming”

.4 Add following Specification Sections:

- 1- Specification Section 26 24 17 – Panelboards – Breaker Type
- 2- Specification Section 26 28 23 – Non-fused Disconnect Switches
- 3- Specification Section 26 52 01 – Unit Equipment for Emergency Lighting
- 4- Specification Section 26 53 00 – Exit Signs

2. Drawings:

.1 Install construction barriers, interior and exterior, according to ASK-1.

.2 Drawing E04

(1) Delete: Lighting switch in Canteen.

(2) Add: Rated dimmer switch complete with built-in on/off switch.

.3 M01, Equipment Schedule – HP1: add the following clause: HP unit must be capable of heating mode operation range at: -4F (-20C) to 70F (21C) DB.

Location: 8751 Stave Lake Street, Mission BC
Building: Mission Medium Institution, Building M
Canteen Relocation

- .4 M02, Building M Plumb Fire Pro Floor Plan: For kitchen sink (SNK-1), install 32 diameter vent through roof in the vicinity of the sink c/w roof jack, flashing, counter-flashing, and weatherproofing (instead of connecting to existing 30mm sanitary vent as indicated on drawing). Coordinate exact roof penetration with Departmental Representative on site prior to installation.
- .5 M03, Building M HVAC Floor Plan: For HRV-1, switch the locations for the o/a intake louver with the e/a outlet louver. The o/a intake louver shall be south of HRV-1. The e/a louver shall be outside of the new canopy location. Maintain minimum 15ft (4500mm) separation between exhaust outlet(s) from outdoor air inlet(s); and including existing ones at face of walls. Louvers shall be installed at high level below existing clerestory windows and exiting beam – refer to architectural drawings for detail. Provide internally lined sheet metal transition boot and plenum box at back of louver(s) with duct connection at top. Coordinate exact louvers locations with Departmental Representative on site prior to installation.
- .6 Install a new concrete pad according to SSK-1.

3. Response for RFI:

- .1 Q.: On M01 - mechanical equipment schedule it list EF - EH Price PRG perforated round grille 150mm diameter c/w tamper proof fasteners. Also L1 - EH Price Louvre 300mm x 300mm c/w accessories. Are there model numbers for these two items?

Response: Air terminal with equipment tag "EG1" for "Exhaust Grille #1", the make is EH Price; model is PRG; size is 150mm diameter. Equals: Nailor, Titus. Refer to drawing M01 and specification section 23 37 13 for details and requirement.

Air louver with equipment tag "L1" for "Louvre #1", the make is EH Price; model is DE635; size is 300mm x 300mm. Equals: Airolite, Ruskin, Westvent. Refer to drawing M01 and specification section 23 37 20 for details and requirement.

4. Attachments:

- .1 ASK-1 "Construction Barriers, Issued for Addendum-1".
- .2 SSK-1 "Exterior Mechanical Unit Pad, Tender Addendum-1"
- .3 Specification Section 26 24 17 – Panelboards – Breaker Type
- .4 Specification Section 26 28 23 – Non-fused Disconnect Switches
- .5 Specification Section 26 52 01 – Unit Equipment for Emergency Lighting.
- .6 Specification Section 26 53 00 – Exit Signs

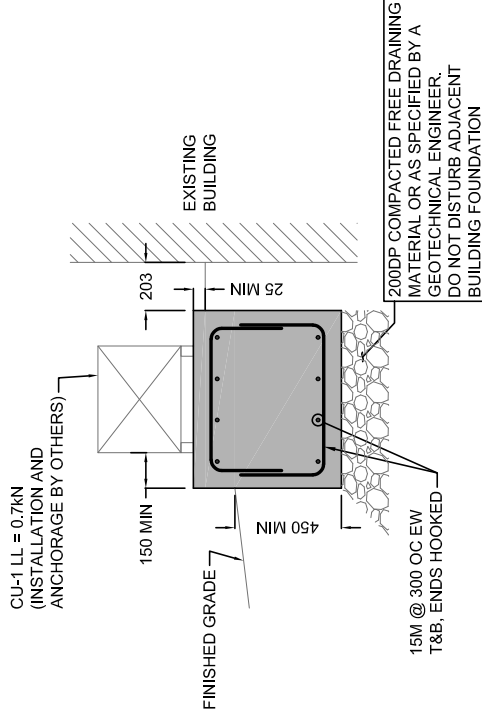
End of Addendum #1



Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada

REAL PROPERTY SERVICES / SERVICES IMMOBILIERS
Pacific Region / Région de Pacifique



1
SSK-1
MECHANICAL UNIT PAD
120

REFER TO MECHANICAL
DRAWINGS FOR LOCATION
AND UNIT SPECIFICATION

Client/client	CORRECTIONAL SERVICE CANADA	Project title/Titre du projet MISSION MEDIUM INSTITUTION 8751 STAVE LAKE STREET, MISSION, BC BUILDING M CANTEN RELOCATION	Drawing title/Titre du dessin EXTERIOR MECHANICAL UNIT PAD TENDER ADDENDUM #1	Consultant Signature & Date Only		PWSC Project Manager/Administrateur de Projets PSCC - PAUL RITHALER PWSC, Regional Manager, Architecture and Engineering Services Gestionnaire régionale, Services d'architecture et d'ingénierie, PWSC PREETIPAL PAUL	Project No./No. du projet R.097976.001 Sheet/Feuille SSK-1 OF 0
				Designed by/Concept par ASHLEY RENAUD, WSP CANADA INC			
				Drawn by/Dessiné par JOHN GUERRA, WSP CANADA INC			



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- 1 General**
- 1.1 SHOP DRAWINGS**
- .1 Submit shop drawings and product data in accordance with Section 01 01 50 – General Instructions.
 - .2 Drawings to include electrical detail of panel, branch breaker type, quantity, ampacity and enclosure dimension.
- 1.2 PLANT ASSEMBLY**
- .1 Install circuit breakers in panelboards before shipment.
 - .2 In addition to CSA requirements manufacturer's nameplate must show fault current that panel including breakers has been built to withstand.
- 1.3 REFERENCES**
- .1 Canada Standards Association (CSA International).
 - .1 CSA C22.2 No.29-M1989 (R2000), Panelboards and enclosed Panelboards.
- 1.4 WASTE MANAGEMENT AND DISPOSAL**
- .1 Refer to Section 01 01 50 – General Instructions.
- 1.5 ENVIRONMENTAL PROTECTION**
- .1 Refer to Section 01 01 50 – General Instructions.
- 2 Products**
- 2.1 PANELBOARDS**
- .1 Panelboards: to CSA C22.2 No.29 and product of one manufacturer.
 - .2 250 V panelboard: bus and breakers rated for 10 kA (symmetrical) interrupting capacity.
 - .3 Sequence phase bussing with odd numbered breakers on left and even on right, with each breaker identified by permanent number identification as to circuit number and phase.
 - .4 Panelboards: mains, main breaker, number of circuits, and number and size of branch circuit breakers as indicated.
 - .5 Two keys for each panelboard and key panelboards alike.
-

- .6 Copper bus with neutral of same ampere rating as mains.
- .7 Mains: suitable for bolt-on breakers.
- .8 Main Breaker: Back fed.
- .9 Trim and door finish: baked grey enamel.
- .10 Maximum overall height: 820 mm.
- .11 Lockable door.
- .12 CSA Approved.

2.2 BREAKERS

- .1 Breakers: to Section 26 28 21 – Moulded Case Circuit Breakers.
- .2 Breakers with thermal magnetic tripping in panelboards except as indicated otherwise.

2.3 EQUIPMENT IDENTIFICATION

- .1 Provide equipment identification in accordance with Section 26 05 00 – Common Work Results - Electrical.
- .2 Provide nameplate for each panelboard, size 4 engraved as indicated. Confirm exact wording of nameplate prior to manufacture.
- .3 Complete circuit directory with typewritten legend showing location and load of each circuit.

3 Execution

3.1 INSTALLATION

- .1 Locate panelboards as indicated and mount securely, plumb true and square, to adjoining surfaces.
- .2 Connect loads to circuits as indicated.
- .3 Connect neutral conductors to common neutral bus with respective neutral identified.

END OF SECTION

1 General**1.1 SHOP DRAWINGS AND PRODUCT DATA**

- .1 Submit shop drawings and product data in accordance with Section 01 01 50 – General Instructions.

1.2 WASTE MANAGEMENT AND DISPOSAL

- .1 Refer to Section 01 01 50 - Waste Management.

1.3 ENVIRONMENTAL PROTECTION

- .1 Refer to Section 01 01 50 – General Instructions.

2 Products**2.1 DISCONNECT SWITCHES**

- .1 Non-fusible disconnect switches in CSA indoor / outdoor enclosures.
- .2 Provision for padlocking in on and off switch positions by three locks.
- .3 Mechanically interlocked door to prevent opening when handle in ON position.
- .4 Quick-make, quick-break action.
- .5 ON-OFF switch position indication on switch enclosure cover.
- .6 Indoor Switches rated for NEMA 1 and outdoor switches for NEMA 4X.

3 Execution**3.1 INSTALLATION**

- .1 Install disconnect switches.
- .2 Install size 2 lamicoid nameplate indicating system name, voltage and phase, or as indicated.

END OF SECTION

1 General**1.1 REFERENCE STANDARDS**

- .1 Unit equipment for emergency lighting in accordance with CSA C22.2 No.141-15 except where specified otherwise.

1.2 PRODUCT DATA

- .1 Submit shop drawings and product data in accordance with Section 01 01 50 – General Instructions.

1.3 WASTE MANAGEMENT AND DISPOSAL

- .1 Refer to Section 01 01 50 - Waste Management.

1.4 ENVIRONMENTAL PROTECTION

- .1 Refer to Section 01 01 50 – General Instructions.

2 Products**2.1 BATTERY UNIT EQUIPMENT**

- .1 Supply voltage: 120 V ac.
- .2 Output voltage: 12 V dc.
- .3 Minimum Output wattage: self powered unit equipment c/w dual light heads mounted on an adjustable swivel, 2 LED Lights.
- .4 Operating time: Minimum 60 minutes.
- .5 Battery: sealed, maintenance free, c/w a written 10 year warranty.
- .6 Charger: solid state, multi-rate, voltage/current regulated, inverse temperature compensated, short circuit protected, modular constructed.
- .7 Solid state transfer circuit.
- .8 Low voltage disconnect: solid state, modular, operates at 80% battery output voltage.
- .9 Signal lights: solid state, life expectancy 100,000 h minimum, for 'AC Power ON' and 'High Charge'.
- .10 Lamp heads: integral on unit adjustable mounting, swivel type, LED type, glare free lamps, minimum 300 Lumens output.

.11 Cabinet: wall mounted c/w knockouts for conduits.

.12 Finish: factory standard.

.13 Acceptable Products:

- .1 Lumacel RG12S200
- .2 Readylite LD12 series
- .3 Emergi-Lite 12ESL216 series.
- .4 Approved equal.

.14 Auxiliary equipment:

- .1 Lamp disconnect switch.
- .2 Test switch.
- .3 Time delay relay.
- .4 DC output terminal block inside cabinet.

2.2 REMOTE HEADS

.1 N/A.

3 Execution

3.1 INSTALLATION GENERAL

.1 Install unit equipment c/w lamp heads as indicated.

.2 Direct heads as indicated.

.3 Test Battery Pack to ensure minimum 60 minutes operating time on Battery. Submit test report to Departmental Representative indicating time 120V disconnected and time that Battery discharged and remote heads de-energized.

END OF SECTION

1 General

1.2 SHOP DRAWINGS AND PRODUCT DATA

- .1 Submit shop drawings and product data in accordance with Section 01 01 50 – General Instructions.

1.3 WASTE MANAGEMENT AND DISPOSAL

- .1 Refer to Section 01 01 50 - Waste Management.

1.4 ENVIRONMENTAL PROTECTION

- .1 Refer to Section 01 01 50 – General Instructions.

2 PRODUCTS

2.1 MATERIALS

- .1 Exit signs to be one-piece extruded aluminum housing and faceplate.
- .2 Nominal 50 mm deep (thin profile).
- .3 Wall, end, or ceiling mounted as shown on plan.
- .4 Single or double-faced as shown on plans.
- .5 Pictogram type.
- .6 Brushed finish on faceplate c/w "hidden" universal knock-outs.
- .7 White finish.
- .8 Rounded corners.
- .9 Light Emitting Diode (LED) light source for 120VAC operation complete with built-in battery suitable for 90 minutes operation.
- .10 CAN / CSA 860 approved.
- .11 Provide heavy-duty custom-fabricated steel enclosures c/w 2 mm thick clear polycarbonate windows for inmate areas. Submit shop drawings in accordance with other sections.
- .12 Approved products:
 - .1 Kenall METSS METSW, METSU series (green running man);
 - .2 EATON Fail-Safe EXL series (green running man);
 - .3 Beghalli Aqua RM series (green running man);
 - .4 Approved equal.

3 EXECUTION

3.1 INSTALLATION

- .1 Install exit lights as indicated.
- .2 Connect fixtures to exit light circuits as indicated.

END OF SECTION