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British Columbia
V6Z 2V8
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, 12th floor
800, rue Burrard, 12e étage
Vancouver
British C
V6Z 2V8

Title - Sujet Cell Call & GFCI Replacement	
Solicitation No. - N° de l'invitation EZ899-132991/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client	Date 2013-02-11
GETS Reference No. - N° de référence de SEAG PW-\$PWY-005-6909	
File No. - N° de dossier PWY-2-35321 (005)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-02-21	
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: Pillay, Sal (PWY)	Buyer Id - Id de l'acheteur pwy005
Telephone No. - N° de téléphone (604) 775-9386 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: CSC - Matsqui Institution, Abbotsford, 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

Solicitation No. - N° de l'invitation

EZ899-132991/A

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

Amd. No. - N° de la modif.

001

File No. - N° du dossier

PWY-2-35321

Buyer ID - Id de l'acheteur

pw005

CCC No./N° CCC - FMS No/ N° VME

Les documents français seront disponibles sur demande

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

SPECIFICATIONS

.1 Section 02 82 10 - Asbestos Abatement - Moderate Risk

- (1) **Add:** new section 02 82 10 attached to this addendum. (4 pages)

.2 Section 07 92 12 – Security Joint Sealing

Clause 1.1:

- (2) **Revise:** paragraph 1.1.1 to read:

.1 “In all renovated inmate cells:”

- (3) **Add:** new paragraph 1.1.2:

.2 Provide for supply and installation of 2000 meter of additional security caulking with 10mm bead as directed by the Departmental Representative.

Clause 3.3:

- (4) **Revise:** paragraph 3.3.4 to read:

.3 Seal joint in all inmate cells: Include joints, around air grilles, behind all surface conduits, around all electrical boxes and light fixtures, around all conduit penetrations into cells.

.3 Electrical Specification

- (5) **Clarification:**

- .1 Although the CSC Standard require CAT6 for this particular project CAT5E is acceptable.
.2 The Cell Call System: provide non-voice cell call system with intercom capability.
.3 Provide network switches by Cisco 3560 series with 10/100/1000 Mbps Poe ports.
.4 All switches monitored by the FAAS in event of failure or fault.
.5 All new fiber optic cabling: of 10GIG laser optimized OM3 fiber strands and all fiber connectors 10GIG rated.
.6 ICCS Servers and ICCS Client workstations: provide RAID1 configuration with solid state hard drives. Hard drive storage capacity as per manufacturer’s recommendations.
.7 Emergency push buttons and controller are existing. Provide integration to new cell call system – refer to drawing E206.

DRAWINGS

.1 Drawing E100 - Site Plan, Legend, Drawing List and Details

General Note #13

- (6) **Add:** words:

“All Torx screws installed in cells to be 5-lobe Torx plus type.”

General Note #14

- (7) **Revise:** to read;
"All openings in walls to be filled up with concrete **and/or covered with steel plate** after ..."

General Note #22

- (8) **Add:** words;
"These conduit and wire allowances are in addition to what is shown on the drawings."

Detail #4

- (9) **Add:** note # 3;
"Use ground penetrating radar prior to coring of floors."

.2 Drawing E101- M3 East & South First Floor Plan - New Power / Lighting Layout

Power/lighting Layout

- (10) **Revise:** the layout of the 27mmC for UPS power to cell call cabinet in stairwell to a straight run from the electrical room to stairs as shown in detail #6. i.e.; this conduit is not to pass through corridor JB's. Same for all M3 building floor plans on other drawings.
(11) **Clarification:** All installations in areas with GWB ceiling is to be recessed. Provide 600mm x 600mm access hatches below any junction or pull boxes installed in the ceiling space.

Detail #3

- (12) **Clarification:** Police light shown in the detail is an integral part of the cell luminaire as shown in floor plans and is not separate from luminaire.

Detail #4:

- (13) **Revise:** Note #1 to read:
"Provide dome cover above all surface mounted electrical boxes (new receptacle and switch outlet boxes and existing TV outlet box) in each cell in all buildings."
(14) **Add:** Note #3 to read
"Provide one sample to Departmental Representative for review, prior to fabricating of all devices. Apply security caulking all around the dome cover after installation."

Detail #2:

- (15) **Delete:** wording "1st, 2nd and 3rd floor" from detail title. This detail is to be used for cell lighting installation in all buildings.

.3 Drawings:

E101- M3 East & South First Floor Plan - New Power / Lighting Layout
E102 - M3 West & North First Floor Plan - New Power / Lighting Layout
E105 - East & South 3rd Floor & M3 Penthouse Plan - New Power / Lighting Layout
E106 - M3 West & North 3rd Floor Plan - New Power / Lighting Layout

- (16) **Add:** General Note #4 to read
"Provide new type written panel directory for any existing-to-remain panelboard that is altered, i.e. if a circuit is added or removed from the panelboard."
-

.4 Drawings:

E101 - East & South First Floor Plan - New Power / Lighting Layout

E102 - West & North First Floor Plan - New Power / Lighting Layout

E103 - East & South 2nd Floor Plan - New Power / Lighting Layout

E104 - West & North 2nd Floor Plan - New Power / Lighting Layout and Luminaire Schedule

E105 - East & South 3rd Floor & M3 Penthouse Plan - New Power / Lighting Layout

E106 - M3 West & North 3rd Floor Plan - New Power / Lighting Layout

- (17) **Add:** symbol for type 'A1' luminaire for all existing luminaires in cells that are removed and re-installed.
- (18) **Add:** a general note to read:
"Confirm location of range corridor receptacles with Departmental Representative prior to installation."

.5 **Drawing E102 - West & North First Floor Plan - New Power / Lighting Layout**

Proposed Electrical Room Layouts

- (19) **Add:** note #4 to read:
"Fire stop all sleeves between electrical rooms."

.6 **Drawing E103 - East & South 2nd Floor Plan - New Power / Lighting Layout**

Photo #1

- (20) **Add:** note #2 to read:
"Provide a blank cover plate of the same material and finish to cover the opening after removal of panel guts and breakers."
- (21) **Add:** note #3 to read:
"Similar work is to be done for removal of panel 'A' that is attached to panel 'EA' in level 1 and panel 'C' that is attached to panel 'EC' in level 3".

2nd Floor Control Post Detail "

- (22) **Add:** note #1 to read:
"Remove panel EB2 that is sub-fed from panel EB and is located under panel B2 and reinstall beside panel EB. Currently all circuits from panel EB2 are used to feed 2nd floor cell police lights and as a result of re-feeding cell luminaires from panelboards in new electrical rooms all wiring from this panel will be removed. All existing breakers are to remain."
- (23) **Add:** note #2 to read:
"Allow for relocation of five existing circuits from panel B to panel EB2. Provide new type written panel directory for panel EB2 using the information in existing panel B directory."

.7 **Drawing E106 - M3 West & North 3rd Floor Plan - New Power / Lighting Layout**

Luminaire Schedule:

- (24) **Revise:** type 'A' luminaire catalogue number to: "Kennal SDA-4-0/0-2-32-RS-1-120-2/9-1-DLN".
- (25) **Revise:** remark note for Type 'A' luminaire to read:
"Provide 20 spare luminaires in addition to what shown on the drawings. Hand over to Departmental Representative, obtain receipt".

- (26) **Revise:** Type 'A1' luminaire catalogue number to read:
"Kennal SCA-4-0/0-2-32-RS-1-120-2/9-1-DLN".
- (27) **Add:** words to remark note for type 'A1' luminaire to read:
"At completion of project, hand over any unused luminaire to Departmental Representative, obtain receipt".
- (28) **Revise:** mounting type for type 'B' luminaire from 'surface' to 'recessed'.
- (29) **Revise:** type 'C' luminaire catalogue number to read:
"Kennal SDA-4-0/0-2-32-RS-1-120-2/9-1-DLN-WL".
- (30) **Add:** remark note for type 'C' luminaire to read:
"Prior to ordering type 'C' luminaires, visit all rooms in which this luminaire is shown to ensure that surface mounted luminaire is suitable for installation in the space. Obtain instructions from Departmental representative if a recessed mounted luminaire is required in any of the spaces where type 'C' luminaire is shown".

Detail #1:

- (31) **Add:** Note #3 to read:
"Provide lamicaid label above all sixteen (16) columns of low voltage light switches shown in Detail #1 to indicate regular lighting or police lighting. Exact wording for labels to be advised."
- (32) **Add:** two low voltage switches for global ON/OFF of regular lighting and police lighting for all cells in each range.
- (33) **Add:** one additional column of spare low voltage switched for a total of sixteen (16) switches.

.8 Drawing E107 - M2d 2nd Level Floor Plan (SCU) - New Power / Lighting Layout

Floor Plan

- (34) **Add:** conduit sizes to the cells on the north side, same size as conduit for cells on the south side.

Photo #1

- (35) **Add:** words to the note on the top to read:
"Paint new steel cover plate to match existing with two coats of paint."

Detail #2:

- (36) **Add:** note #3 to read:
"Provide Lamicaid label above each 4-gang switch box to indicated function i.e. regular lighting, police lighting or etc. Exact wording to be approved by Departmental Representative prior to installation."

.9 Drawing E108 - M2d Main Level Floor Plan (RRAC) - New Power / Lighting Layout

Floor Plan:

- (37) **Add:** conduit sizes to the cells on the north side, same as conduits sized for cells on the south side.

Photo #1

- (38) **Add:** a note pointing to the single gang receptacle to read:
"Remove existing duplex receptacle and associated conduit back to the junction box in corridor. Install new 4-plex receptacle in place of existing duplex receptacle. "
-

Detail #3:

(39) **Add:** note #3 to read:

“Provide Lamicaid label above each 4-gang switch box to indicated function i.e. regular lighting, police lighting or etc. Exact wording as directed by Departmental Representative prior to installation.”

.10 Drawing E109 - M2e1,2,3 Main and Penthouse Floor Plans - New Power Layout

Floor Plan

(40) **Add:** conduit sizes to the floor plan as following:

- .1 Main conduit from Panel ‘C’ up to the J/B in corridor: 35mmC
- .2 conduit from J/B by 110a to J/B by 108a: 27mmC
- .3 All other conduits: 21mmC

(41) **Add:** note #1 to Photo #1 to read:

“All conduits to be installed such that access to the existing equipment and junction/pull boxes is maintained.”

Photo #4

(42) **Add:** note Install new 4-plex receptacles beside existing-to-remain CATV outlet boxes.

.11 Drawings:

E110 - M3 East & South First Floor demolition Plan - Power / Lighting

E111 - M3 West & North First Floor demolition Plan - Power / Lighting

Drawing general notes

(43) **Add:** drawing general note #3 to read:

“Allow for removal of four (4) existing corridor receptacle and any associated exposed conduit/wiring in each range corridor. Blank off any flush mounted outlet using a heavy gauge steel cover plate equal to Kenall WPP series.”

.12 Drawing E116 - M2d Main Level Floor (RRAC) Demolition Plans - Power / Lighting

Keynotes

(44) **Delete:** last sentence from keynote #8.

.13 Drawing E117 - M2e1,2,3 Main and Penthouse Floor Demolition Plans - Power / Lighting

Penthouse Floor Demolition Plan

(45) **Add:** to note re circuit breaker to read: “New circuit breaker to match existing circuit breakers and have the same interrupting rating capacity as the existing circuit breakers.”

END OF ADDENDUM No 1

1 General**1.1 RELATED WORK**

- .1 Section 01 35 33 - Health and Safety Requirements.
- .2 Section 02 41 19 - Demolition, Removal and Repairs.

1.2 SUMMARY

- .1 Comply with requirements of this Section when performing following work:
 - .1 Remove vinyl tiles containing asbestos in Electrical room 33 on floors 1, 2 & 3 of Living Unit Building M3.
 - .2 Requirements and procedures for asbestos abatement on non-friable asbestos-containing materials to WCBBC requirements for moderate risk.

1.3 REFERENCES

- .1 Department of Justice Canada (Jus).
 - .1 Canadian Environmental Protection Act, 1999 (CEPA).
- .2 Transport Canada (TC).
 - .1 Transportation of Dangerous Goods Act, 1992 (TDGA).

1.4 DEFINITIONS

- .1 HEPA vacuum: High Efficiency Particulate Air filtered vacuum equipment with filter system capable of collecting and retaining fibres greater than 0.3 microns in any direction at 99.97% efficiency.
 - .2 Amended Water: water with non-ionic surfactant wetting agent added to reduce water tension to allow thorough wetting of fibres.
 - .3 Asbestos-Containing Materials (ACMs): materials identified under Existing Conditions including fallen materials and settled dust.
 - .4 Asbestos Work Area: area where work takes place which will, or may, disturb ACMs.
 - .5 Authorized Visitors: Departmental Representative, or designated representative, and representative of regulatory agencies.
 - .6 Non-Friable Material: material that when dry cannot be crumbled, pulverized or powdered by hand pressure.
 - .7 Occupied Area: any area of the building or work site that is outside Asbestos Work Area.
 - .8 Polyethylene: polyethylene sheeting or rip-proof polyethylene sheeting with tape along edges, around penetrating objects, over cuts and tears, and elsewhere as required to provide protection and isolation.
 - .9 Sprayer: garden reservoir type sprayer or airless spray equipment capable of producing mist or fine spray. Must have appropriate capacity for work.
-

1.5 SUBMITTALS

- .1 Submittals in accordance with Section 01 01 50 - General Instructions for Submittal Procedures clause.
- .2 Submit proof satisfactory to Departmental Representative that suitable arrangements have been made to dispose of asbestos-containing waste in accordance with requirements of authority having jurisdiction.
- .3 Submit Provincial requirements for Notice of Project Form.
- .4 Submit proof of Contractor's Asbestos Liability Insurance.
- .5 Submit to Departmental Representative necessary permits for transportation and disposal of asbestos-containing waste and proof that asbestos-containing waste has been received and properly disposed.

1.6 QUALITY ASSURANCE

- .1 Health and Safety:
 - .1 Do construction occupational health and safety in accordance with Section 01 35 33 - Health and Safety Requirements.
 - .2 Safety Requirements: worker protection.
 - .1 Protective equipment and clothing to be worn by workers while in Asbestos Work Area include:
 - .1 Non-powered reusable or replaceable filter-type respirator equipped with HEPA filter cartridges, personally issued to worker and marked as to efficiency and purpose, suitable for protection against asbestos and acceptable to Provincial Authority having jurisdiction.
 - .2 Disposable-type protective clothing that does not readily retain or permit penetration of asbestos fibres, consisting of full-body covering including head covering with snug-fitting cuffs at wrists, ankles, and neck.
 - .2 Eating, drinking, chewing, and smoking are not permitted in Asbestos Work Area.
 - .3 Before leaving Asbestos Work Area, dispose of protective clothing as contaminated waste as specified.
 - .4 Ensure workers wash hands and face when leaving Asbestos Work Area. Facilities for washing are to be located close to work area.
 - .5 Ensure that no person required to enter an Asbestos Work Area has facial hair that affects seal between respirator and face.

1.7 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate waste materials in accordance with Section 01 01 50 - General Instructions for Construction/Demolition Waste Management and Disposal clause. ACM waste and non-ACM waste are to be handled and disposed of separately as specified.
 - .2 Remove from site and dispose of non-ACM packaging materials at appropriate recycling facilities.
 - .3 Collect and separate for disposal all non-ACM in appropriate on-site bins for recycling in accordance with Waste Management Plan.
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- .4 Fold up metal banding, flatten and place in designated area for recycling.
- .5 Disposal of asbestos waste generated by removal activities must comply with Federal, and Provincial regulations. Dispose of asbestos waste in sealed double thickness 6 ml bags or leak proof drums. Label containers with appropriate warning labels.
- .6 Provide manifests describing and listing waste created. Transport containers by approved means to licenced landfill for burial.

1.8 EXISTING CONDITIONS

- .1 Reports and information pertaining to ACMs to be handled, removed, or otherwise disturbed and disposed of during this project is attached to this section. ACM exists in vinyl floor tiles.
- .2 Notify Departmental Representative of friable material discovered during Work and not apparent from drawings, specifications, or report pertaining to Work. Do not disturb such material pending instructions from Departmental Representative.

1.9 SCHEDULING

- .1 Not later than ten (10) days before beginning Work on this Project notify following in writing:
 - .1 Regional Office of WorkSafeBC.
- .2 Inform sub-trades of presence of non-friable asbestos-containing materials identified in Existing Conditions.
- .3 Submit to Departmental Representative a copy of notifications prior to start of Work.

1.10 INSTRUCTIONS

- .1 Before beginning Work , provide Departmental Representative satisfactory proof that every worker has had instruction and training in hazards of asbestos exposure, in personal hygiene and work practices, and in use, cleaning, and disposal of respirators and protective clothing.
- .2 Instruction and training related to respirators includes, following minimum requirements:
 - .1 Fitting of equipment.
 - .2 Inspection and maintenance of equipment.
 - .3 Disinfecting of equipment.
 - .4 Limitations of equipment.
- .3 Provide workers with site specific training for ACM removal and handling at the work site.
- .4 Instruction and training must be provided by a competent, qualified person.

2 Products

2.1 MATERIALS

- .1 Drop Sheets:
 - .1 Polyethylene: 0.15 mm thick.
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- .2 FR polyethylene: 0.15 mm thick woven fibre reinforced fabric bonded both sides with polyethylene.
- .2 Wetting Agent: 50% polyoxyethylene ester and 50% polyoxyethylene ether mixed with water in a concentration to provide thorough wetting of asbestos-containing material.
- .3 Waste Containers: contain waste in two separate containers.
 - .1 Inner container : 0.15 mm thick sealable polyethylene waste bag.
 - .2 Outer container : sealable metal or fibre type where there are sharp objects included in waste material; otherwise outer container may be sealable metal or fibre type or second 0.15 mm thick sealable polyethylene bag.
 - .3 Labeling requirements: affix preprinted cautionary asbestos warning in both official languages that is visible when ready for removal to disposal site.

3 Execution

3.1 PROCEDURES

- .1 Do construction occupational health and safety in accordance with Section 01 35 33 - Health and Safety Requirements.
- .2 Before beginning Work, isolate Asbestos Work Area using, minimum, preprinted cautionary asbestos warning signs in both official languages that are visible at access routes to Asbestos Work Area.
 - .1 Remove visible dust from surfaces in the work area where dust is likely to be disturbed during course of work.
 - .2 Use HEPA vacuum, or damp cloths where damp cleaning does not create a hazard and is otherwise appropriate.
 - .3 Do not use compressed air to clean up or remove dust from any surface.
- .3 Prevent spread of dust from Asbestos Work Area using measures appropriate to work to be done.
 - .1 Use FR polyethylene sheets over windows and doorways and other openings in Asbestos Work Area to prevent the spread of asbestos dust to other work areas.
- .4 Clean-Up:
 - .1 Frequently during Work and immediately after completion of Work, clean up dust and asbestos-containing waste using HEPA vacuum or by damp mopping.
 - .2 Place dust and asbestos-containing waste in sealed dust-tight waste bags. Treat drop sheets and disposable protective clothing as asbestos waste; wet and fold these items to contain dust, then place in plastic bags.
 - .3 Clean exterior of each waste-filled bag using damp cloths or HEPA vacuum and place in second clean waste bag immediately prior to removal from Asbestos Work Area.
 - .4 Seal waste bags and remove from site. Dispose of in accordance with requirements of Provincial and Federal Authority having jurisdiction. Supervise dumping and ensure that dump operator is fully aware of hazardous nature of material to be dumped and that guidelines and regulations for asbestos disposal are followed.
 - .5 Perform final thorough clean-up of Work areas and adjacent areas affected by Work using HEPA vacuum.

END OF SECTION
