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Gatineau, Québec K1A 0S5

**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

Construction Services Division/Division des services de
construction

140 O'Connor Street

140, rue O'Connor

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K1A 0S5

Title - Sujet Building B	
Solicitation No. - N° de l'invitation M7594-194770/A	Amendment No. - N° modif. 005
Client Reference No. - N° de référence du client M7594-194770	Date 2019-02-27
GETS Reference No. - N° de référence de SEAG PW-\$\$\$FG-362-76252	
File No. - N° de dossier fg362.M7594-194770	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-03-14	Time Zone Fuseau horaire Eastern Standard Time EST
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: Kelly, Jessica	Buyer Id - Id de l'acheteur fg362
Telephone No. - N° de téléphone () - ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

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

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

Amendment 005 is issued for the following:

- (1) Bidders' Question and Response
- (2) Publish Addendum 05

(1) Bidder Question & Answer

QUESTION # 162:

Minimum masonry reinforcing schedule/S102, please clarify location of secure demising partitions.

ANSWER # 162:

Please refer to Addendum No. 05.

QUESTION # 163:

Please clarify required reinforcing for the 240mm free standing concrete block at garbage enclosure.

ANSWER # 163:

Bid as per plans and specification. Refer to Minimum masonry reinforcing schedule/S102.

QUESTION # 164:

Question #39 in amendment #2 indicates to refer to addendum #3 for the cable tray type. Are we missing something? We cannot find clarification on whether the cable tray is to be basket tray or ladder tray?

ANSWER # 164:

Please refer to Addendum No. 04.

QUESTION # 165:

On specifications for ceramic tile(section 09 30 13) show floor CT-5, base CT-2 and wall tile CT-1 for "washroom / locker vestibule areas accessing 101b and 118" Can you please confirm is only the area highlight attached ?



ANSWER # 165:

Please refer to upcoming Addendum No. 05.

QUESTION # 166:

Section 08 44 13 Glazed Aluminum Curtain Wall, Item 2.2.5: The sound attenuation for the curtain wall is based on the type of glazing specified. The glazing specified has a STC value of 35. Is an STC 35 value acceptable?

ANSWER # 166:

Please refer to upcoming Addendum No. 05.

QUESTION # 167:

Section 08 80 00 Glazing, Item 2.1.2.4: There is no performance levels for the low E coating. By change is the low E performance misplaced under item 2.1.9.1.1 to 4 on page 5?

ANSWER # 167:

Please refer to upcoming Addendum No. 06.

QUESTION # 168:

Section 08 80 00 Glazing, Spandrel glass: is ceramic frit coating on the second surface of the spandrel glass acceptable?

ANSWER # 168:

Bid as per plans and specification. Refer to Section 08 80 00, article 2.1.3.6

QUESTION # 169:

Section 08 80 00 Glazing: On drawing A301 note 8 the spandrel glass is to have an etched Avian pattern on the exterior of the glass. In the glazing specification for the spandrel glass it doesn't ask for any pattern to be on the spandrel glass. Confirm if there is a pattern required on the spandrel glass?

ANSWER # 169:

Please refer to upcoming Addendum No. 05.

QUESTION # 170:

What is the glass type, required for the following door sidelights: D129.1, D129.2 & D132.1?

ANSWER # 170:

Please refer to upcoming Addendum No. 05.

QUESTION # 171:

The floor plan and interior elevation drawing show a window next to door D130.1. What type of materials is this window made of? What size is the window? What type of glazing is required for this window?

ANSWER # 171:

Please refer to upcoming Addendum No. 05.

QUESTION # 172:

On interior elevation drawing A801 details 1 & 2. The drawing notes indicate item 13 that a film is to be applied to the sidelights. What is the height of the film to be?

ANSWER # 172:

Bid as per plans and specification.

QUESTION # 173:

The Besam that is called for in the spec is not available. Please consider NABCO GT600/8500 as alternate door operator.

ANSWER # 173:

Bid as per plans and specification. Refer to Section 08 71 00, article 2.2.7.

QUESTION # 174:

Refer to Specification Section 09 69 00 Access Flooring: Part 2.1.3.3.6 States ultimate strength of panel shall provide a safety factor of 3.0 times its design load. Typically the Safety factor is 2x the Ultimate load. Please confirm a Safety factor of 2x is acceptable.

ANSWER # 174:

Please refer to upcoming Addendum No. 05.

QUESTION # 175:

Refer to Specification Section 09 69 00 Access Flooring: Part 2.2.2.2.1 – Requires an exposed concrete surface ready to receive carpet tile finish. Is the Tate Concore CCN1250/24" panel an acceptable alternate (refer to attached cut sheet)?

ANSWER # 175:

Please refer to upcoming Addendum No. 05.

QUESTION # 176:

Refer to Specification Section 09 69 00 Access Flooring: Part 3.3.2.2 - States "...Secure base plate to concrete floor with power activated fasteners..." Are mechanical fasteners required for this scope of work?

ANSWER # 176:

Bid as per plans and specification. Refer to Section 09 69 00, article 3.3.2.2.

QUESTION # 177:

Refer to Specification Section 09 69 00 Access Flooring: Part 3.3.5 - States "Provide electrical grounding connectors ..." The connectors are typically provided by electrical trade to ensure compatibility, as such we will exclude from our scope. Please confirm your acceptance.

ANSWER # 177:

Bid as per plans and specification. Refer to Section 09 69 00, article 3.3.5.

QUESTION # 178:

Refer to Mechanical drawing M302 (Room 117) - Square Floor diffuser SD-05 is shown as 600 x 600. Please confirm the correct size is 610 x 610 to match the Raised Access Floor grid.

ANSWER # 178:

Please refer to upcoming Addendum No. 05.

QUESTION # 179:

Refer to mechanical drawing M001.2 and M302 - Please provide the specifications or diameter of floor cut-out required to house round floor diffuser types SD-03 and SD-04.

ANSWER # 179:

Please refer to upcoming Addendum No. 05.

QUESTION # 180:

Dwg M005 Details 3 ERV control Schematic and Detail 4 RTU control schematic indicates BAS communication, please confirm all controls points for ERV and RTU are software points via BACnet communication, not hardwired points (e.g Y2/Y1/G/W1/W2 etc) required for BAS system.

ANSWER # 180:

Bid as per plans and specification. Refer to Drawing M005.

QUESTION # 181:

The RTU1/2, RTU3/4, RTU5/6 are duty standby system, it seems the isolation dampers are not showing on the controls schematic M005, please confirm sequence of operations if it's required.

ANSWER # 181:

Bid as per plans and specification. Refer to Drawing M005.

QUESTION # 182:

Could you provide a room finish schedule?

ANSWER # 182:

Bid as per plans and specification. Refer to Drawing A000.

QUESTION # 183:

In section 08 14 16 Flush Wood door item 2.1 the doors spec call for Acoustic Performance STC50 , but on the door schedule on page A001 only D108.1 and D108.2 are shown STC 51, are all SW01 wood doors shown in the door schedule to be STC 50 ?

ANSWER # 183:

Bid as per plans and specification. Refer to Door Schedule/A001, comments.

QUESTION # 184:

In section 08 80 00 Glazing, there are various glazing specified. Could you provide a windows schedule showing where each type is going?

ANSWER # 184:

Bid as per plans and specification. Refer to Door Schedule/A001.

QUESTION # 185:

In section 08 80 00 Glazing, there is GL02 Interior Attack Resistant glass Ballistic: Level 5, could you provide location where this is required?

ANSWER # 185:

Bid as per plans and specification. Refer to Door Schedule/A001.

QUESTION # 186:

In section 12 50 00 Furniture Item 2.2 Operator Consoles, are these to be part of the lump sum bid? Drawing A700 Drawings notes 1 indicates "operator console N.I.C ? Please clarify.

ANSWER # 186:

Bid as per plans and specification. Refer to Drawing A700, General Note 'A'.

QUESTION # 187:

The attachment to structure for exterior walls stud that are not to underside of beam refer to detail A404/3 we can't attach to the underside of roof deck like this. We will need bracing and some form of attachment clip to the I beam. Could you provide detail of requirements?

ANSWER # 187:

Bid as per plans and specification. Refer to Section 05 41 00, article 1.4.2.1

QUESTION # 188:

The metal ceiling system (PMP)we need details on the perimeter trim and also any bracing requirements.

ANSWER # 188:

Bid as per plans and specification. Refer to Section 09 51 13, article 2.1.2. and Section 09 58 00, article 1.4.3.

QUESTION # 189:

Seismic requirements. As per specs they are referencing spec section 09 22 27 for acoustical suspension. Could you provide this specification?

ANSWER # 189:

Please refer to upcoming Addendum No. 05.

QUESTION # 190:

Metal ceiling panel size. The specs ask for one size and the drawings ask for a different size.

ANSWER # 190:

Please refer to Addendum No. 03.

QUESTION # 191:

In section 03 30 00 , note 2.2.2 concrete table refers to division 15 and 16. However, division 15 and 16 are not provided in the spec book.

ANSWER # 191:

Please refer to upcoming Addendum No. 05.

QUESTION # 192:

Drawing S201-204 is pointing to specific elements with numbers that have no note. Please clarify.

ANSWER # 192:

Bid as per plans and specification. Refer to Drawing S120.

QUESTION # 193:

I have been doing some research on the UL 752 Level I regarding the DISCHARGE STATIONS and I have come to the conclusion that is for bullet proof glass or a glazing. A type of coating. Many unloading stations are constructed of a polyethylene insert packed with ballistics and surrounded with a metal canister. Can you please confirm what level of Ballistics you are looking for either Level III or Level IIIA?

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005

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20194770

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FG362 M7594-194770

CCC No./N° CCC - FMS No./N° VME
1005007

ANSWER # 193:

Please refer to upcoming Addendum No. 06.

QUESTION # 194:

Concerning this project, will a GRD and fire damper spec be issued? We can't seem to find it in the current tender docs.

ANSWER # 194:

Please refer to upcoming Addendum No. 06.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME

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ADDENDUM 05

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

SPECIFICATIONS

Section 03 30 00 – CAST-IN-PLACE CONCRETE:

- .1 **REPLACE:** In table of article 2.2.2, replace “Divisions 15 and 16 Concrete” with the following:
Divisions 22, 23, and 26 Concrete

Section 08 44 13 – GLAZED ALUMINUM CURTAIN WALLS:

- .1 **DELETE:** Article 2.1.2.5.

Section 08 80 00 – GLAZING:

- .1 **ADD:** Article 2.1.7.6 to read:
Bird deterrent etching: full coverage pattern on exterior face of exterior pane.
 - .1 6 mm x 12 mm horizontal oval frit pattern.
 - .2 Offset 12mm from finished edge of frame.
 - .3 Offset alternate rows 12mm vertically.
 - .4 Follow design intent per sample pattern below showing corner condition

Section 09 30 13 – CERAMIC TILING:

- .1 **REPLACE:** Article 2.1.1.4 to read:
Washroom/Locker vestibule linking 101b and 118.
- .2 **REPLACE:** Article 2.2.1.4 to read:
Washroom/Locker vestibule linking 101b and 118.
- .3 **REPLACE:** Article 2.5.1.4 to read:
Washroom/Locker vestibule linking 101b and 118.

Section 09 51 13 – ACOUSTICAL PANEL CEILINGS:

- .1 **REPLACE:** Article 2.1.2.6 to read:
Snap in installation from below into complimentary grid system as specified in Section 09 58 00 – INTEGRATED CEILING ASSEMBLIES.

Section 09 66 13 – PORTLAND CEMENT TERRAZZO FLOORING:

- .1 **ADD:** Article 2.3 to read:
LOCATIONS:
 - .1 Vestibules: 100 and 107
 - .2 Corridors: 101a and 101B including alcove serving washrooms 121a and 121b.
 - .3 Kitchen: 132

Section 09 69 00 – ACCESS FLOORING:

- .1 **ADD:** Article 2.3.5.1 to read:

Allow for a total of 140 cut-outs and grommets.

- .2 **REPLACE:** Article 2.1.3.3.6 to read:
Ultimate strength of the panel: provide safety factor of 2.0 times its design load without failure.
- .3 **REPLACE:** Article 2.2.2.2.1 to read:
Factory surface, ready to receive carpet tile floor finish.

Section 10 21 13.19 – PLASTIC TOILET COMPARTMENTS:

- .1 **REPLACE:** Article 2.1.1 to read:
Solid plastic toilet partitions:
 - .1 Phenolic with solidly fused plastic laminate with matte-finish melamine surface, or solid high-density polyethylene (HDPE).
 - .2 Colour to be selected from manufacturer's standard and extend range of metallic colours.
 - .3 Flame spread rating - Class A.
- .2 **REPLACE:** Article 2.3 to read:
FABRICATION:
 - .1 Doors, stiles and screens: 19 mm – 25mm thick, solid plastic panels, to sizes indicated.
 - .2 Panels: 13 mm – 25 mm thick, constructed same as door, to sizes indicated.
 - .3 Provide internal reinforcement at areas of attached hardware and fittings.

Section 10 28 00 – TOILET AND BATH ACCESSORIES:

- .1 **DELETE:** Article 2.2.6.7.
- .2 **DELETE:** Article 2.2.6.8.
- .3 **DELETE:** Article 2.2.6.9.
- .4 **DELETE:** Article 2.2.6.10.

Section 10 51 13 – METAL LOCKERS:

- .1 **REPLACE:** Article 2.2.1 to read:
Shelves and Garment Hangers:
 - .1 LK1 and LK2: 1 fixed 457 mm wide shelf 300 mm from top of locker integral with modular unit to receive vertical divider.
 - .2 LK1 and LK2: 1 adjustable 457 mm wide shelf to be fitted above fixed shelf.
 - .3 LK1 and LK2: 2 adjustable 152 mm shelves to be installed in the left gable.
 - .4 LK1 and LK2: chromed steel coat hooks two per locker located on the rear panel below hanger rod.
 - .5 Garment hanger rod:
 - .1 LK1: 305 mm long fixed garment hanger rod to be installed 1450 mm above finished floor level.

- .2 LK2: 305 mm long fixed garment hanger rod to be installed 1200 mm above finished floor level.

- .2 **ADD:** Article 2.2.4.7 to read:
Drawer to be 230 mm in height and 152 mm in width with integral boxing to fit on the left side of the vertical divider with top of unit at 1100 mm.
- .3 **ADD:** Article 2.2.6 to read:
LK1 and LK2 divider: one full depth vertical divider located 152 mm from the left gable.

Section 10 56 13 – METAL STORAGE SHELVING:

- .1 **DELETE:** Article 1.2.3.

Section 23 81 23 – COMPUTER ROOM AIR CONDITIONING:

- .1 **ADD:** Article 2.13.4 to read:
Each unit to be complete with network communication card to provide 50 user selectable points to BAS.

Section 25 30 01 – EMCS: BUILDING CONTROLLERS:

- .1 **DELETE:** Article 1.2.4.
- .2 **DELETE:** Article 2.1.2.

Section 25 30 02 – EMCS: FIELD CONTROL DEVICES:

- .1 **REPLACE:** Article 2.3.3 to read:
Output signal: 4-20mA into 500 ohm maximum load, or 0-10V.
- .2 **REPLACE:** Article 2.5.2 to read:
Output signal: 4-20mA into 500 ohm maximum load, or 0-10V.
- .3 **REPLACE:** Article 2.6.2 to read:
Output signal: 4-20mA into 500 ohm maximum load, or 0-10V.
- .4 **REPLACE:** Article 2.7.2 to read:
Output signal: 4-20mA into 500 ohm maximum load, or 0-10V.
- .5 **REPLACE:** Article 2.9.1.1 to read:
Output signal: 4-20mA into 500 ohm maximum load, or 0-10V.
- .6 **REPLACE:** Article 2.11.1.1 to read:
Output signal: 4-20mA into 500 ohm maximum load, or 0-10V.
- .7 **REPLACE:** Article 2.22.1.2 to read:
Control signal: 4-20 mA or 0-10V.

Section 25 90 01 – EMCS: SITE REQUIREMENTS, APPLICATIONS AND SYSTEMS SEQUENCES OF OPERATIONS:

.1 **DELETE:** Article 1.1.1.

.2 **DELETE:** Article 1.2.1.

Section 26 24 13 – SWITCHBOARDS:

.1 **REPLACE:** Article 2.1 to read:
CIRCUIT BREAKERS

- .1 Indoor moulded case breakers, 3 pole, single break, solid state LSIG trip, sized as indicated.
- .2 Breaker interrupting capacity: 44KAIC or as indicated by short circuit study.
- .3 Integral metering in each breaker to be networked to building automation system through BACNET control element. Coordinate requirements with building automation supplier.
- .4 Auxiliary contacts: positional contacts for status monitoring breaker status.

Section 26 32 13 – DIESEL ELECTRIC GENERATING UNITS AND ACCESSORIES:

.1 **REPLACE:** Article 2.11.14 to read:
ULC Listed positive displacement self-priming pump. Pump to be flange-mounted and direct driven through a flexible coupling, with coupling guard.

.2 **REPLACE:** Article 2.11.15 to read:
ULC Listed Inlet Strainer. Strainer certified to ULC/ORD-C331, and meet requirements of CSA B140.0.

.3 **REPLACE:** Article 2.11.16 to read:
System shall be furnished with isolating ball valves, cUL certified for use with fuel oil, on the fuel inlet and fuel outlet, ULC Flex hose assembly for inlet and outlet, check valve, inlet compound, discharge pressure gauge, and heavy duty, stainless steel piping package. Assembly to be mounted on a fabricated steel baseplate with Leak Detection switch.

.4 **REPLACE:** Article 2.11.17 to read:
Integrated particulate removal pre-filtration for maximum coalescing filter element life in the downstream housing.

.5 **ADD:** Article 2.11.18 to read:
Multi-stage filtration / water separation process including:

- .1 Integrated particulate removal pre-filtration.
- .2 Particulate filtration at 1 or 3 microns utilizing synthetic element for contamination control.
- .3 Filter stages to be monitored to indicate when filters need to be changed. Shall provide indication on the main filtration control cabinet to alert operators and sound a horn.
- .4 A pressure switch shall be located on the inlet side of the filtration stages and the outlet side of the filtration pump to monitor the inlet pressure to the filters. If the inlet pressure exceeds the preset measure, the pump shall shut down. The switch shall provide indication on the main filtration control cabinet to alert operators and sound a horn.
- .5 Accessories:

- .1 Waste Water Holding Tank
- .2 Filtration Assembly Enclosure
- .3 Contamination Monitor

Section 26 43 13 – SURGE PROTECTIVE DEVICES:

- .1 **REPLACE:** Article 1.3.2 to read:
VPR, MCOV, In, SCCR, and SPD Type
- .2 **REPLACE:** Article 2.1.1.2 to read:
SPD for SWBD-1 shall be integrally mounted, ULC labeled as Type 1, intended for use without the need for external or supplemental overcurrent devices. Every suppression component of every mode, including N-G, shall be protected by internal overcurrent and thermal over-temperature controls. SPDs relying upon external or supplementary installed safety disconnectors do not meet the intent of this specification.
- .3 **ADD:** Article 2.1.1.3 to read:
SPD FOR all other Distribution boards and panelboards shall be externally mounted, ULC Labelled as Type 2.
- .4 **REPLACE:** Article 2.1.2 to read:
OPTIONS:
 - .1 One set of NO/NC dry contacts for external notification monitoring all TPMOVs.
 - .2 Audible alarm with integral silence switch monitoring all TPMOVs.
 - .3 Visual LED diagnostics including a minimum of one LED indicator per phase monitoring all TPMOVs, service LED, and phase loss indicator. Also, Tri-colored LED life status indicators (Green = 67 to 100% life, Amber = 34 to 66%, Red = 0 to 33%).
 - .4 NEMA enclosure options: Sprinkler proof enclosure.
 - .5 Integral Listed ULC 98 Disconnect Switch.
 - .6 EM/RFI filtering up to -50dB from 10Khz to 100MHz (for all type 2 only).
 - .7 Surge Counter with reset and indefinite memory retention upon power loss.
 - .8 Serviceable, replaceable module.
- .5 **REPLACE:** Article 2.1.5 to read:
Surge Current Capability (single pulse rated 8/20µs) per phase shall be:

Application	Surge Current Capability per phase (KA)
Service Entrance or Transfer Switch	300
Distribution Panelboard or Motor Control Center	150
Branch Panelboards	150

Section 27 10 05 – STRUCTURED CABLING FOR COMMUNICATIONS:

- .1 **REPLACE:** Article 2.1.1.15 to read:
Enclosure shall satisfy the 2007 & 2010 CBC; 2006, 2009 & 2012 IBC; ASCE 7-05 (2005 Edition) & ASCE 7-10 (2010 Edition) and the 2006 & 2009 editions of NFPA 5000 for use in areas of high seismicity, Seismic Use Group III, Zone 4 or Seismic Design Category (SDC) "D".

- .2 **REPLACE:** Article 3.2.2 to read:
Install 10" wide VCMS as indicated on drawing.
- .3 **DELETE:** Article 3.2.3.

DRAWINGS

Drawing A001 – SCHEDULES / BORDEREAUX:

- .1 **ADD:** In PARTITION SCHEDULE / BORDEAU DES CLOISONS, replace the comments of Type P8Cx with the following:
SECURE PARTITION; FILL ALL VOIDS WITH GROUT AND PROVIDE 10m REBAR EVERY SECOND VOID / CLOISON DE SÉPARATION SÉCURISÉE; REMPLIR TOUS LES VIDES AVEC DU COULIS ET POSER DES BARRES DE 10m DANS CHAQUE VIDE.
- .2 **REPLACE:** In DOOR SCHEDULE / BORDEAU DES PORTES, replace the FRAME – GLASS of D129.1 with the following:
GL01
- .3 **REPLACE:** In DOOR SCHEDULE / BORDEAU DES PORTES, replace the FRAME – GLASS of D129.2 with the following:
GL01
- .4 **REPLACE:** In DOOR SCHEDULE / BORDEAU DES PORTES, replace the FRAME – GLASS of D132.1 with the following:
GL01

Drawing A202 – GROUND FLOOR PLAN / PLAN DU REZ-DE-CHAUSSÉE:

- .1 **ADD:** Add Drawing Note 22 to window adjacent to Door D130.1. Drawing Note 22 to read:
INTERIOR WINDOW. GLASS TO BE GLAZING TYPE GL01. PRESSED STEEL FRAME. DIMENSIONS TO BE 750mm W x 1563mm T.

Drawing A423 – PLAN DETAILS / PLAN DÉTAILLÉ:

- .1 **ADD:** Add GENERAL NOTE / NOTES GÉNÉRALES:
A. COLUMN WRAPS TO BE CONSTRUCTED USING 90mm CONCRETE BLOCK. USE CUT BLOCKS AT EXTERIOR FACE OF WALL AND ALONG CORRIDOR TO MAINTAIN CONTINUITY. FILL BLOCK AT COLUMNS SOLID WITH GROUT. / LES ENVELOPPES DE COLONNE SONT PERMISES POUR ÊTRE CONSTRUITES EN BLOCS DE BÉTON DE 90mm. UTILISEZ DES BLOCS COUPÉS SUR LA FACE EXTÉRIEURE DU MUR ET LE LONG DU CORRIDOR POUR MAINTENIR LA CONTINUITÉ. BLOC DE REMPLISSAGE AUX COLONNES SOLIDE AVEC COULIS.

Drawing M001.1 – SCHEDULES / TABLEAUX:

- .1 **ADD:** Insert the following information into the PUMP SCHEDULE:

TAG / ÉTIQUETTE	FLOW (L/S) / COURANT (L/S)
SP-01	1.26

Drawing M001.2 – SCHEDULES / TABLEUX:

- .1 **ADD:** Insert the following information into the GRILLE AND DIFFUSER SCHEDULE:

TAG / ÉTIQUETTE	NOTES
SD-03	250 DIAMETER. REFER TO INSTALLATION MANUAL FOR FLOOR OPENING SIZE. / 250 DIAMÈTRES. CONSULTER LE MANUEL D'INSTALLATION POUR LA TAILLE DE L'OUVERTURE DU PLANCHER.
SD-04	250 DIAMETER. REFER TO INSTALLATION MANUAL FOR FLOOR OPENING SIZE. / 250 DIAMÈTRES. CONSULTER LE MANUEL D'INSTALLATION POUR LA TAILLE DE L'OUVERTURE DU PLANCHER.

Drawing E301 – ELECTRICAL - ROOF POWER / ÉLECTRIQUE – ALIMENTATION AU TOIT:

- .1 **DELETE:** Delete the requirement for magnetic starters on units ERV-1, CU-1, and CU-2.

Drawing E700 – ELECTRICAL - SINGLE LINE DIAGRAM / ÉLECTRIQUE - SCHÉMA UNIFILAIRE:

- .1 **REPLACE:** Drawing Note 3 to read:
 TYPICAL PROVIDE DIGITAL METERING COMPLETE WITH BACNET/MODBUS INTERFACE. TYPICAL: AT EACH LOCATION INDICATED, PROVIDE DIGITAL METERING COMPLETE WITH BACNET MODBUS INTERFACE. FOR PANEL DP-01, PROVIDE AN EXTERNAL METERING UNIT IN A NEMA 3 ENCLOSURE INSTALLED ON THE EXISTING PANEL. / FOURNIR DU MÉSURAGE NUMÉRIQUE COMPLET AVEC BACNET/ INTERFACE MODBUS. TYPIQUE A CHAQUE ENDROIT INDIQUÉE, FOURNIR DU MESURAGE NUMÉRIQUE COMPLET AVEC UNE INTERFACE BACNET MODBUS. POUR LE PANNEAU DP-01, FOURNIR UN UNITÉ EXTERNE NEMA3 INSTALLER SUR LE PANNEAU EXISTANT.

Drawing T103 – RACK ELEVATIONS / ÉLÉVATION DU RÂTELIER:

- .1 **ADD:** Add note under R41
 1 x PDU
- .2 **ADD:** Add note under R42
 1 x PDU
- .3 **ADD:** Add note under R43
 1 x PDU
- .4 **ADD:** Add to 02/T103:
 PDU typical elevation copied from 01/T103.

Drawing T104 – TELECOMMUNICATION DETAILS / DÉTAILS TÉLÉCOMMUNICATION:

- .1 **ADD:** Add note to Detail 4:
 WORKSTATION RACK IS TO BE SUPPLIED AND INSTALLED BY OTHERS. / LE RACK DU POSTE TRAVAIL EST FOURNI PAR LE REPRÉSENTANT DU MINISTÈRE

End of Addendum No. 05