



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

**Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions Travaux  
publics et Services gouvernementaux Canada**  
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

<b>Title - Sujet</b> HVAC Upgrade	
<b>Solicitation No. - N° de l'invitation</b> F1700-164101/A	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b> F1700-164101	<b>Date</b> 2017-04-03
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-026-8013	
<b>File No. - N° de dossier</b> PWY-6-39353 (026)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2017-04-13</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Yi (PWY), Patty	<b>Buyer Id - Id de l'acheteur</b> pwy026
<b>Telephone No. - N° de téléphone</b> (778) 919-2578 ( )	<b>FAX No. - N° de FAX</b> (604) 775-6633
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DFO - Pacific Biological Station - Nanaimo, BC	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> Raison sociale et adresse du fournisseur/de l'entrepreneur	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation

F1700-164101/A

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

Amd. No. - N° de la modif.

003

File No. - N° du dossier

PWY-6-39353

Buyer ID - Id de l'acheteur

pwy026

CCC No./N° CCC - FMS No./N° VME

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**Ce document est disponible en français**

**Amendment 003 has been raised to incorporate questions and answers and Drawing F03**

**All other terms and conditions remain unchanged.**

- 1) *There is no indication of insulation being installed on the CPVC pipe in the trench drain, please clarify; is the CPVC pipe to be insulated?*

No insulation on the CPVC piping in the trench

- 2) *This job requires the finish of the insulation to match existing finish jacket, can it be clarified exactly what existing color and finish you are trying to match.*

Finish on exposed piping in the mechanical room to be canvas jacket, white; finish on concealed indoor piping to be ASJ, white; exposed piping on the roof to be insulated with 50mm armafex, clad with 26ga. aluminum, and sealed at the joints.

- 3) *HVAC note 8 states "Line the first 5' of supply and return plenums with 1" acoustic lining." Does this pertain to new ductwork only? If not how do we confirm if existing ductwork is lined?*

Line the first 5ft of supply and return plenums with 1" acoustic lining for any newly installed/replaced ductwork. Bid the project with the assumption that existing ductwork has been acoustically lined.

- 4) *HVAC note 10 states "Thermally wrap all ductwork and vents in unheated spaces." Are the ceiling spaces considered unheated? If so are we to insulate existing ductwork as well and is any existing ductwork wrapped presently?*

The Clemens Bldg ceiling spaces are considered to be heated, therefore, there is no requirement to insulate the ductwork.

- 5) *Are there mechanical drawings available showing the existing piping (plumbing, fire protection, etc) distribution in the Clemens building that you can send us? Supplied drawings only show new heating lines?*

Fire Suppression Drawings have been included in this amendment.

- 6) *We are looking for more information on some of the electrical equipment involved in this project, specifically the MCC shown on electrical drawing E-1. We are looking for info (best case a photo) from the name plate on the MCC to provide to the suppliers. They require this to price the correct equipment. I have spoken to the consultants and they don't have any further information. Is there a person at the PBS that could provide this information, or meet me on site so I could look myself?*

See Attached Photo of the MCC name plate.

# EATON®

Freedom  
Series 2100  
Motor Control

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## EATON

LR66765



BC SATELLITE DELTA BC

C US

SHOP ORDER CSRW054183

DATE MARCH 2014

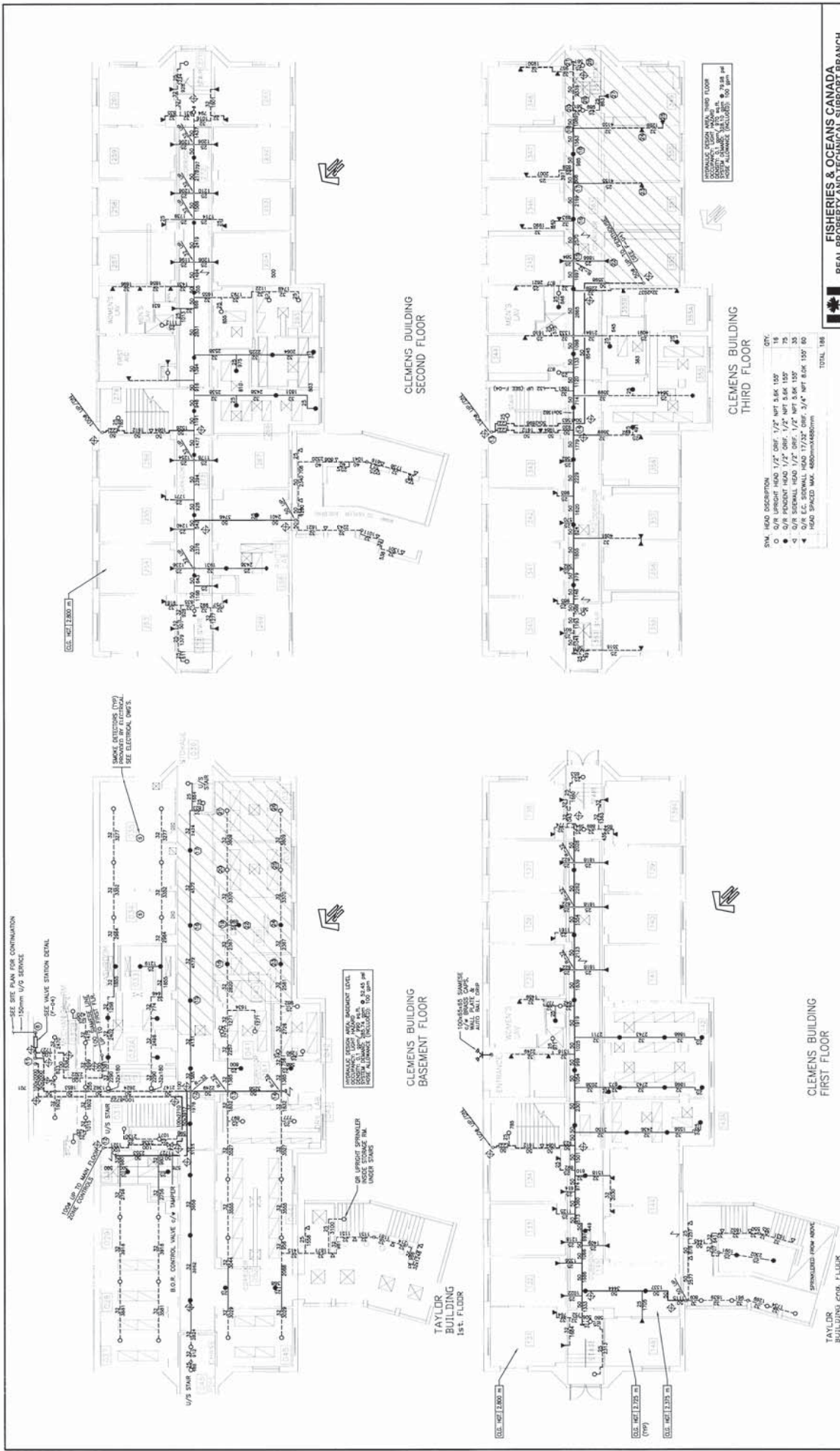
### ELECTRICAL CHARACTERISTICS

VOLTS MAX.	HOR. BUS	600V
PH	VERT. BUS	600V
W		
Hz		60

BUS BRACING 42,000 LBS  
SHORT CIRCUIT CURRENT RATING  
RMS SYMMETRICAL 42,000 A

5713A99H01





 MMM Group Limited 10000 144th Street, Suite 100 Surrey, BC V3V 2T9 Tel: 604-273-8888 Fax: 604-273-8889	NO. 10.09.13 DATE ISSUED FOR CONSTRUCTION	REVISIONS
	REVISIONS	
REAL PROPERTY AND TECHNICAL SUPPORT BRANCH FISHERIES & OCEANS CANADA PACIFIC BIOLOGICAL STATION CLEMENS BUILDING FIRE PROTECTION SYSTEM - UPGRADE FLOOR PLANS	SCALE 1:100 DATE 10.05.13 DRAWING NUMBER F-03 REVISION	REFERENCE DRAWINGS
DWD. NO.	NOTES	TOTAL 106