



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

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

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

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

478C642H10

EATON

LR66765



BC SATELLITE DELTA BC

C US

SHOP ORDER CSRW054183

DATE MARCH 2014

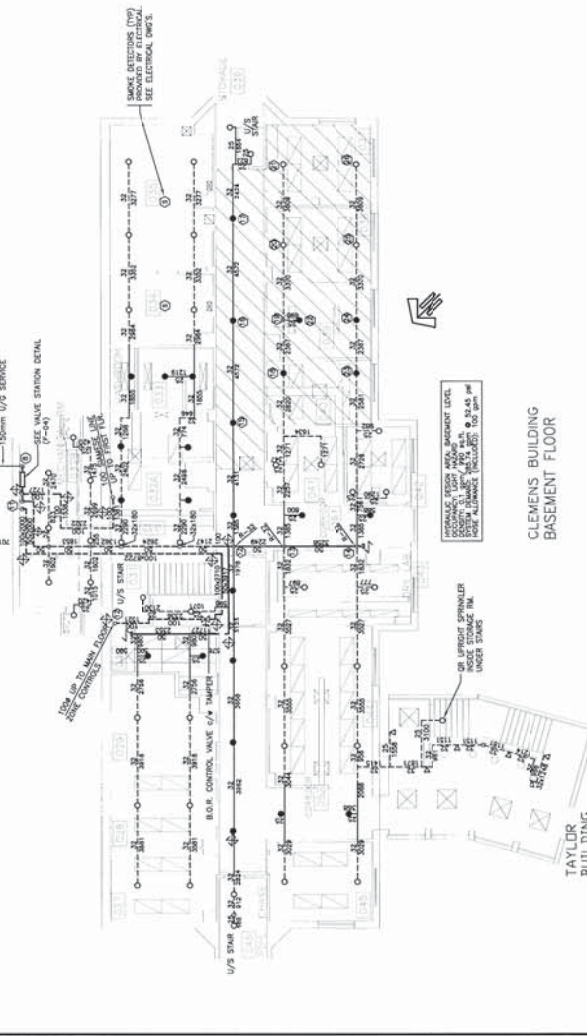
ELECTRICAL CHARACTERISTICS

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

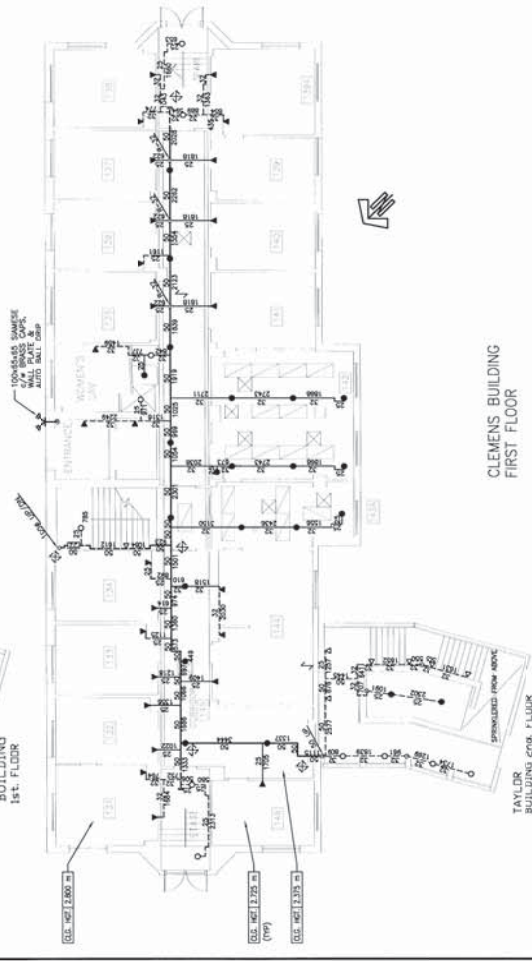
BUS BRACING 42,000 LBS
SHORT CIRCUIT CURRENT RATING
RMS SYMMETRICAL 42,000 A

5713A99H01

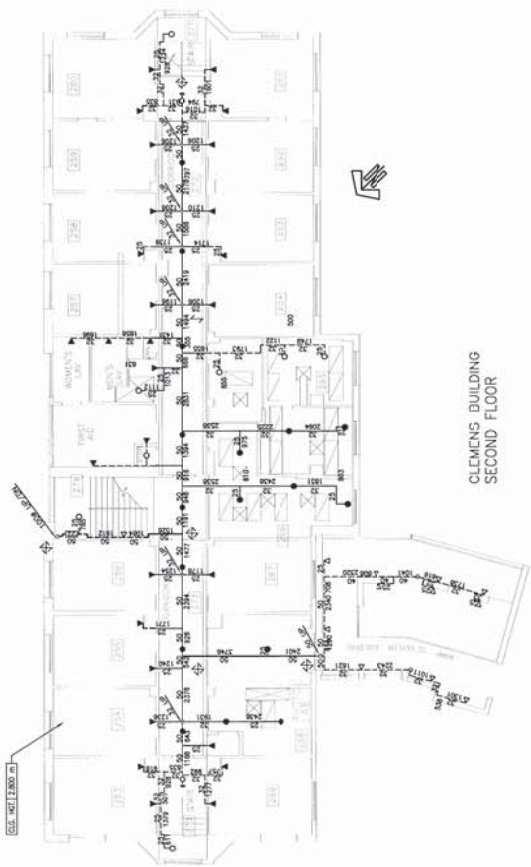
SEE SEE PLAN FOR CONTINUATION
1200V UPS SERVICE



CLEMENS BUILDING
BASEMENT FLOOR



CLEMENS BUILDING
FIRST FLOOR



CLEMENS BUILDING
SECOND FLOOR



CLEMENS BUILDING
THIRD FLOOR

SYN. HEAD DESCRIPTION

QTY.
0 5/8 UPRIGHT HEAD 1/2" SWS 1/2" SWS 5.6K 150'
18
0 5/8 SMOKE DETECTOR 1/2" SWS 1/2" SWS 5.6K 150'
30
0 5/8 SMOKE DETECTOR 1/2" SWS 1/2" SWS 5.6K 150'
30
0 5/8 E.C. SIDEWALL HEAD 1/2" SWS 3/4" SWS 5.6K 150'
60
0 HEAD SPACED MAX. 4500mmx4500mm

TOTAL 108

SYNOPSIS FROM AREA IN PLAN
COVERED SHALL BE AT LEAST 0.2 AS PER
CODE ALLOWANCE (INCLUDES) 100 SQM

DWG. NO.

REFERENCE DRAWINGS

NOTES

NO.	DATE	ISSUED FOR CONSTRUCTION	REVISIONS
-	10.09.13	ISSUED FOR CONSTRUCTION	



MMM Group Limited
1100 Burrard Street, Vancouver, BC, V6Z 2X9
Tel: 604-681-8888
Fax: 604-681-8889

NO.

REVISIONS

NO.	REVISIONS

FISHERIES & OCEANS CANADA
REAL PROPERTY AND TECHNICAL SUPPORT BRANCH
PACIFIC BIOLOGICAL STATION
CLEMENS BUILDING
FIRE PROTECTION SYSTEM -
UPGRADE
FLOOR PLANS

SCALE

1:100

DATE

10.05.13

DRAWING NUMBER

F-03

REVISION