

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving - PWGSC / Réception des soumissions
- TPSGC
11 Laurier St./11 rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
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

Ce Document Comporte des Exigences Relatives à la Sécurité/This Document Contains a Security Requirement

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
11 Laurier St./11 Rue Laurier
3C2, Place du Portage
Phase III
Gatineau, Québec K1A 0S5

Title - Sujet Gas boilers/chaudières aux gaz	
Solicitation No. - N° de l'invitation EP067-151608/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client 20151608	Date 2015-01-19
GETS Reference No. - N° de référence de SEAG PW-\$\$\$FG-340-66385	
File No. - N° de dossier fg340.EP067-151608	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-01-29	
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: Brouillet, Richard	Buyer Id - Id de l'acheteur fg340
Telephone No. - N° de téléphone (819) 956-0457 ()	FAX No. - N° de FAX (819) 956-8335
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Public Works and Government Services Canada 555, 601 et 615 Booth Street, Ottawa, ON K1A 0E9	

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

EP067-151608/A

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

20151608

Amd. No. - N° de la modif.

002

File No. - N° du dossier

fg340EP067-151608

Buyer ID - Id de l'acheteur

fg340

CCC No./N° CCC - FMS No/ N° VME

AMENDMENT 2 IS RAISED TO ATTACH ADDENDUM 1

CLAUSES AND CONDITIONS REMAIN THE SAME

**555/601/615 BOOTH STREET
STAND ALONE HEATING**

PROJECT NO. R.060128.002

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DATE: January 15, 2015

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

SPECIFICATIONS

1. SECTION 01 00 10 – GENERAL INSTRUCTIONS

- .1 REVISE Item 25.4:
 - .4 Carry out the following noise generating work and hot work during "off hours" Monday to Friday from 18:00 to 07:00 hours and on Saturdays, Sundays, and statutory holidays. Coordinate with Departmental Representative for hot work permits **on daily basis for three (3) buildings individually**. Coordinate directly with **Simplex/Tyco** for fire alarm bypass requirements. Associated costs for fire alarm bypass **and fire watches** to be covered by Contractor. **Provide ventilation equipment, fume extraction equipment and ducting to accommodate welding during regular working hours within Mechanical Rooms and Tunnels only, and without disruption to on-going operations of building.**
 - .1 Demolition.
 - .2 Saw cutting.
 - .3 Coring.
 - .4 Welding.

2. SECTION 22 42 01 – PLUMBING SPECIALTIES AND ACCESSORIES

- .1 REVISE Item 2.2.2:
 - .2 BFP-01: **25 mm for 555 Booth St., 40 mm for 601 Booth St.**, bronze body, internal relief valve with removable stainless steel seat, ball valve test cocks, compact design, stainless steel cover bolts, replaceable polymer deck seats, quarter turn ball valves with bronze strainer, air gap for drain line. Reduced pressure principle type.

3. SECTION 23 05 16 – EXPANSION FITTINGS AND LOOPS FOR HVAC PIPING

- .1 ADD Item 2.2.1.3:
 - .3 Site fabricated I-beam type using steel in accordance with Section 05 12 10.

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STAND ALONE HEATING**

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SPECIFICATIONS (CONT'D)

4. SECTION 23 25 00 – HVAC WATER TREATMENT SYSTEMS

- .1 REVISE Item 2.3.5:

- .5 The control valve shall have 25 mm inlet and outlet connections **for 555 Booth St. and 40 mm inlet and outlet connections for 601 Booth St.** It shall be of the mechanically actuated, four position type to accomplish the regeneration steps of backwash, brine draw/slow rinse, fast rinse, and refill. The valve shall contain a fixed orifice eductor nozzle and self-adjusting backwash flow control. The main control body, second tank adaptor, and connector yoke shall be made of brass with plastic couplings, and copper connector pipes provided. The second tank, meter, and bypass if provided, shall be of the quick disconnect style. Regeneration and alternation shall be actuated by a mechanical drive.

- .2 REVISE Item 2.4.5:
 - .5 The control valve shall have 25 mm inlet and outlet connections **for 555 Booth St. and 40 mm inlet and outlet connections for 601 Booth St.** It shall be of the mechanically actuated, four position type to accomplish the regeneration steps of backwash, brine draw/slow rinse, fast rinse, and refill. The valve shall contain a fixed orifice eductor nozzle and self-adjusting backwash flow control. The main control body shall be made of brass. Regeneration shall be actuated by a mechanical drive.

5. SECTION 23 52 00 – PACKAGED BOILER PLANT

- .1 ADD Item 2.1.1.10:
 - .10 Boiler plant to have safety relief valves per boiler with discharge piping extended to vertical penetration through roof with gooseneck termination pipe shipped loose for field installation.**

- .2 REVISE Item 2.2.1.1:
 - .1 555 Booth - two (2) boilers: **one (1)** to supply 5500 kg/hr. (350 BHP) and **one (1) to supply** 1500 kg/hr. (100 BHP) of 99% dry quality steam at 725 kPa to base building distribution through a single 150 mm flanged connection located on side of unit in location as illustrated on drawings. Accept a minimum of 80% condensate return from the building at minimum temperature of 65°C through a single 50 mm flanged connection located on side of unit in location as illustrated on drawings. Accept a 25 mm dia.

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SPECIFICATIONS (CONT'D)

5. SECTION 23 52 00 – PACKAGED BOILER PLANT (CONT'D)

softened make-up water location as illustrated on drawings from building at maximum hardness of 0.1 ppm. Accept a 575 V, 3 phase, 60 Hertz power supply through a weatherproof 60 Amp disconnect (powered through base building emergency power source) and wired through internal distribution system to power controls, emergency lighting smaller boiler and a single feedwater pump to accommodate minimum heat requirements in event of power failure. Accept a second 575 V/3 phase, 60 Hertz power supply through a weatherproof 120 Amp disconnect (normal power) to feed remainder of boiler plant power requirements c/w necessary distribution equipment. Accept 50 mm natural gas pipe at pressure between 20.5 kPa and 34.5 kPa and located as illustrated on drawings.

.2 REVISE Item 2.2.1.2:

- .2 601 Booth - two (2) boilers: **one (1)** to supply 7800 kg/hr. (500 BHP) and **one (1) to supply** 2300 kg/hr. (150 BHP) of 99% dry quality steam at 725 kPa to base building distribution through a single 150 mm flanged connection located on side of unit in location as illustrated on drawings. Accept a minimum of 80% condensate return from the building at minimum temperature of 65°C through a single 50 mm flanged connection located on side of unit in location as illustrated on drawings. Accept a **40 mm** dia. softened make-up water location as illustrated on drawings from building at maximum hardness of 0.1 ppm. Accept a 575 V, 3 phase, 60 Hertz power supply through a weatherproof 60 Amp disconnect (powered through base building emergency power source) and wired through internal distribution system to power controls, emergency lighting smaller boiler and a singlefeedwater pump to accommodate minimum heat requirements in event of power failure. Accept a second 575 V/3 phase, 60 Hertz power supply through a weatherproof 120 Amp disconnect (normal power) to feed remainder of boiler plant power requirements c/w necessary distribution equipment. Accept 50 mm natural gas pipe at pressure between 20.5 kPa and 34.5 kPa and located as illustrated on drawings.

PLANS

1. DRAWING A100

- .1 Provide removal of existing 750 mm diameter tree stump and associated organics from area of new exterior slab.

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PLANS (CONT'D)

2. DRAWING M002

.1 Reference Detail 3/M002:

REVISE 25 mm dia. DCW to 40 mm dia. DCW.

3. DRAWING M101

.1 REVISE reference to 100 mm dia. P.COND piping in Note 3 to 50 mm dia. P.COND.

4. DRAWING M102

.1 Reference Detail 5/M101 and attached sketch ADD01-SKM01:

“Relocate existing fire department connection (FDC) to new location c/w associated pipe and accessories as indicated. Provide new pipe, coring, sealing of penetration and system drain and refill to accommodate.”

5. DRAWING M201

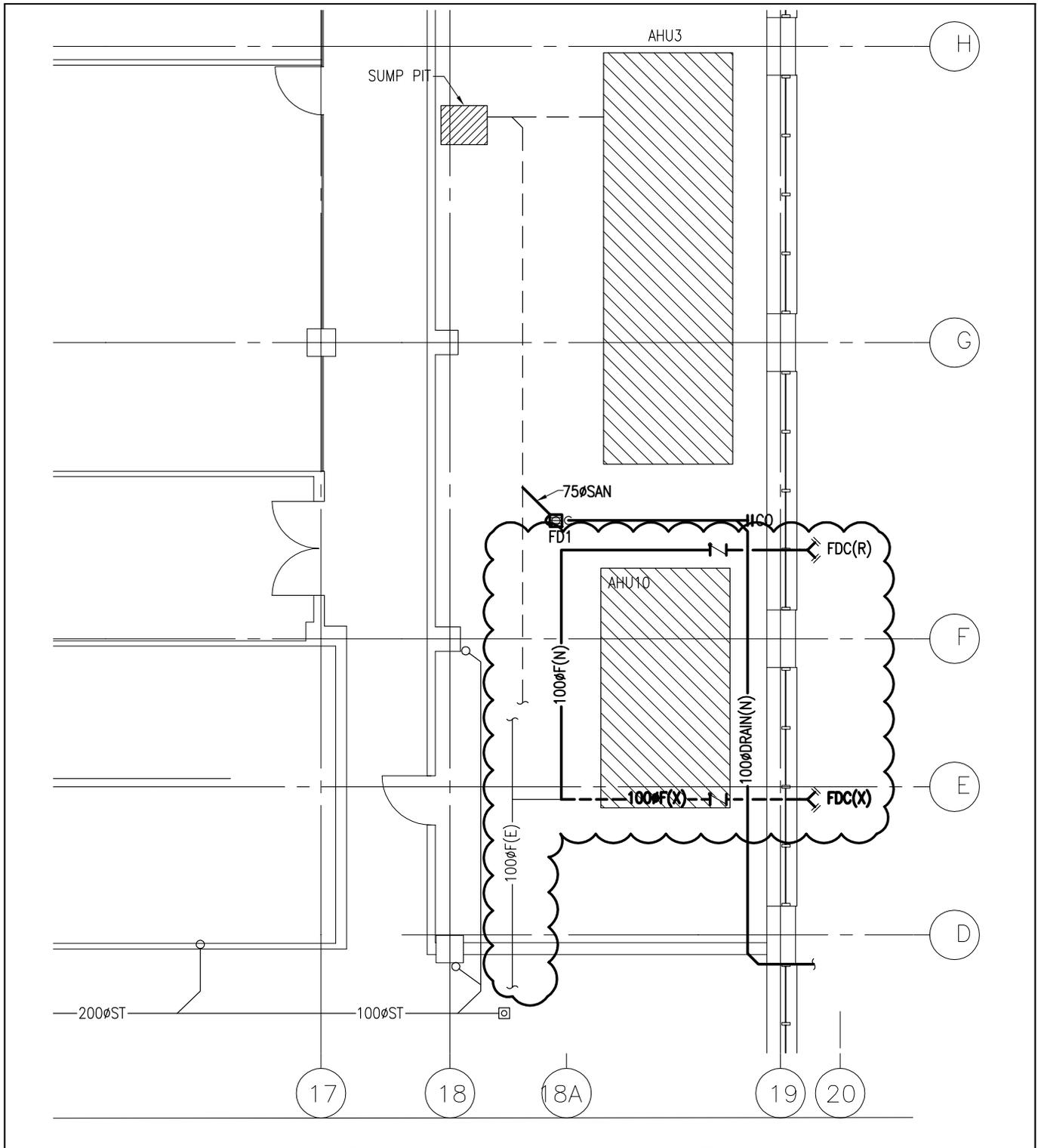
.1 REVISE all reference to 25 mm dia. DCW/SCW piping and associated valves to 40 mm dia. DCW/SCW.

6. DRAWING M203

.1 REVISE 25 mm dia. SCW and associated accessory to 40 mm dia. SCW.

.2 REVISE reference to 100 mm dia. P.COND piping in Note 4 to 50 mm dia. P.COND.

Enclosure: Sketch ADD01-SKM01



project 555/601/615 BOOTH STAND ALONE HEATING		projet 555/601/615 RUE BOOTH CHAUFFAGE AUTONOME		Designed By R.LEONARD	Conçu par (yyyy/mm/dd)	Publics Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
				Date S.VALLIER	Dessiné par (yyyy/mm/dd)		
				Reviewed By R.LEONARD	Examiné par (yyyy/mm/dd)		
drawing MECHANICAL 555 BOOTH STREET		dessin MÉCANIQUE 555 RUE BOOTH		Date Approved By R.LEONARD	(yyyy/mm/dd) Approuvé par	Project no. R.060128.002	No. du projet
				Date JAN. 15, 2014	(yyyy/mm/dd)	Drawing no. ADD01-SKM1	No. du dessin
				Tender C.CAMPBELL Project Manager	Soumission Administrateur de projets		