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**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> CFIA Boiler Replacement	
<b>Solicitation No. - N° de l'invitation</b> 39903-150594/A	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2016-03-08
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-028-7749	
<b>File No. - N° de dossier</b> PWY-5-38374 (028)	<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 2016-03-15</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Pacific Standard Time PST
<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> Lam (PWY), Tian	<b>Buyer Id - Id de l'acheteur</b> pwy028
<b>Telephone No. - N° de téléphone</b> (604) 775-9382 ( )	<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> CFIA - Burnaby Lab - Burnaby, 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> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<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/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation  
33903-150594/A

Amd. No. - N° de la modif.  
003

Buyer ID - Id de l'acheteur  
pwy028

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

File No. - N° du dossier CCC No./N°  
PWY-5-38374

CCC - FMS No./N° VME

Les documents français seront disponibles sur demande.  
Les autres conditions ne changent pas.

This amendment 003 is raised to make the following changes:

Please find attached herein:

- 1) Include Addendum 002 into the solicitation documents. Please find Addendum 002 attached herein.
- 2) Revise the extension of time amendment and the mailing label found in Amendment 001.

*All other terms and conditions remain unchanged.*

Under Amendment 001:

DELETE the following:

\*\*\*\*\*

Amendment 001 has been raised to extend the closing date of this solicitation.

#### **Extension of Time for Tenderers**

CFIA Boiler Replacement  
CFIA Burnaby Lab, Burnaby, B.C  
Solicitation No: 39903-150594/A

Notice is hereby given that the time for reception of tenders previously due at 2:00 p.m. P.S.T. on March 7, 2016 is hereby extended to **2:00 p.m. P.S.T. on March 15, 2016.**

All other terms and conditions remain unchanged.

\*\*\*\*\*

INSERT the following:

\*\*\*\*\*

Amendment 001 has been raised to extend the closing date of this solicitation.

#### **Extension of Time for Tenderers**

CFIA Boiler Replacement  
CFIA Burnaby Lab, Burnaby, B.C  
Solicitation No: 39903-150594/A

Notice is hereby given that the time for reception of tenders previously due at 2:00 p.m. P.S.T.

Solicitation No. - N° de l'invitation  
33903-150594/A

Amd. No. - N° de la modif.  
003

Buyer ID - Id de l'acheteur  
pwy028

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

File No. - N° du dossier CCC No./N°  
PWY-5-38374

CCC - FMS No./N° VME

on March 7, 2016 is hereby extended to **2:00 p.m. local time on March 15, 2016.**

All other terms and conditions remain unchanged.

\*\*\*\*\*

DELETE the following:

**AVIS AUX SOUMISSIONNAIRES:** Veuillez utiliser l'étiquette d'adresse ci-dessous et bien l'affixer à l'extérieur de l'enveloppe ou du paquet renfermant votre offre. Assurez-vous de toujours inscrire lisiblement le nom de votre compagnie, l'adresse de retour, le numéro de l'offre et la date limite sur l'extérieur de votre offre.

**Marchés immobiliers  
Travaux publics et Services gouvernementaux Canada  
800, rue Burrard, bureau 219  
Vancouver (C.-B.) V6Z 0B9**

**Offre n°:** 39903-150594/A

**Date et heure limites de réception des soumissions:** 15 mars 2016, @ 1400 HNP

**Sujet:** Remplacement des chaudières de l'ACIA, Laboratoire de l'ACIA à Burnaby, Burnaby (C.-B.)

TL

INSERT the following:

**AVIS AUX SOUMISSIONNAIRES:** Veuillez utiliser l'étiquette d'adresse ci-dessous et bien l'affixer à l'extérieur de l'enveloppe ou du paquet renfermant votre offre. Assurez-vous de toujours inscrire lisiblement le nom de votre compagnie, l'adresse de retour, le numéro de l'offre et la date limite sur l'extérieur de votre offre.

**Marchés immobiliers  
Travaux publics et Services gouvernementaux Canada  
800, rue Burrard, bureau 219  
Vancouver (C.-B.) V6Z 0B9**

**Offre n°:** 39903-150594/A

**Date et heure limites de réception des soumissions:** 15 mars 2016, @ 1400 HEURE LOCALE

**Sujet:** Remplacement des chaudières de l'ACIA, Laboratoire de l'ACIA à Burnaby, Burnaby (C.-B.)

TL

Solicitation 39903-150594/A

**CFIA Burnaby Boiler Replacement  
3155 Willingdon Green, Burnaby, BC  
Addendum #2**

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The following changes / clarifications in the tender documents are effective immediately. This Addendum will form part of the Contract Documents.

**Response to Bidders' Inquiries:**

Please find below a response to bidder's inquiries received to date.

1. **Can you please clarify the existing boiler's weight and rough dimensions which is needed to be taken out?**

Please refer to enclosed existing Super-Hot Boiler's installation and service manual for dimensions and weight, please note the existing boiler model is AAE-3000.

**END OF ADDENDUM**



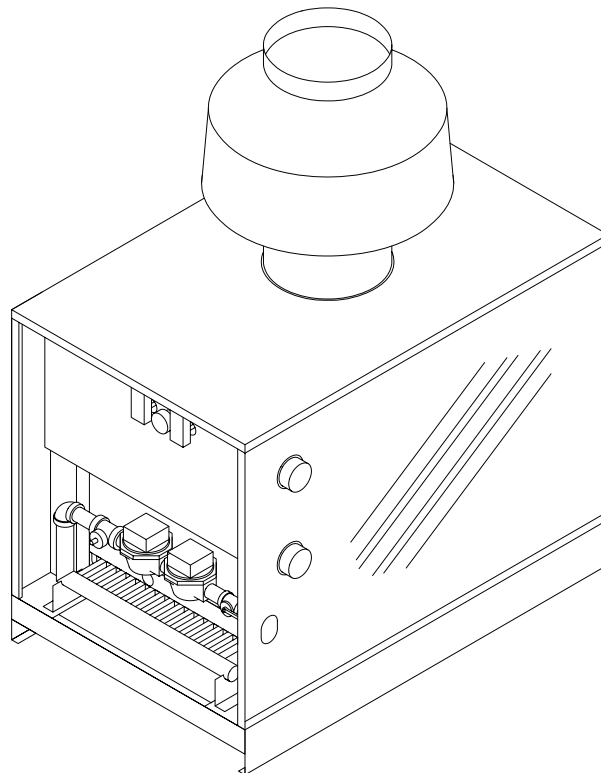
## INSTALLATION AND SERVICE MANUAL

# AAE SERIES GAS BOILERS

FOR MODELS AAE-480 TO AAE-3000

Featuring the BC-1 Controller on 1 & 2 stage models

See rear cover for Index



### WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury, or loss of life. Please carefully read this manual. For assistance or additional information, consult a qualified installer, service agency or the gas supplier.

Manufactured by

**Allied Engineering Company**

Division of E-Z-Rect Manufacturing Ltd.

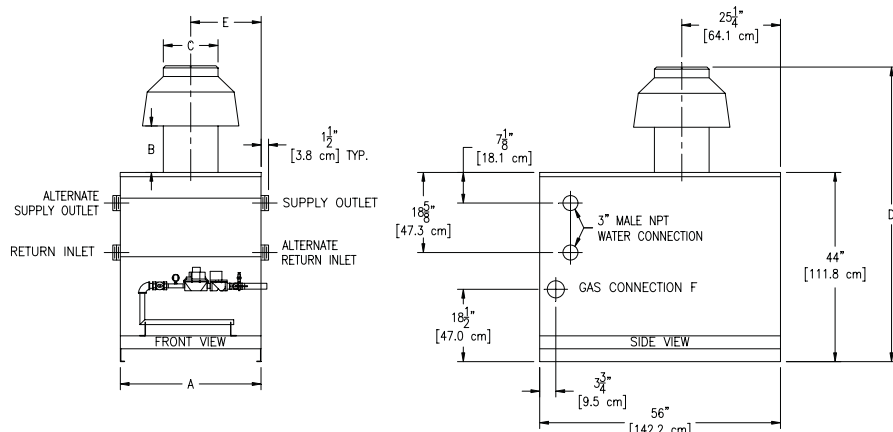
Manufacturers of Gas and Electric Boilers, Stainless Steel Tanks, Heat Exchangers and Electric Boosters  
94 Riverside Drive, North Vancouver, B.C. V7H 2M6 • Telephone (604) 929-1214 • [www.alliedboilers.com](http://www.alliedboilers.com)

Branches: Calgary • Edmonton • Toronto



# AAE SERIES GAS BOILERS

## DIMENSIONS AND SPECIFICATIONS



### Standard Model Includes:

- Electronic Ignition
- Stainless Steel Burners
- Gas Valve
- Redundant Gas Valve
- BC-1 Microcontroller (single and two stage models only)
- Operating Aquastat
- Safety High Limit Aquastat
- Temperature / Pressure Gauge
- A.S.M.E. Pressure Relief Valve 30 p.s.i.
- Drain Valve
- Draft Hood
- Transformer
- Control Panel Enclosure
- Main On/Off Switch with Indicator Light

The Super Hot product improvement program may result in changes to the design and/or specifications being made without notice.

MODEL NUMBER	INPUT*		OUTPUT			DIM A**		DIM B		DIM C		DIM D		DIM E ***		GAS CONN F	WATER CONTENT		SHIPPING WEIGHT	
	MBH	KW	MBH	KW	H.P.	in	cm	in	cm	in	cm	in	cm	in	cm	Typical NPT	U.S. GAL.	L	lb	Kg
AAE480	480	141	384	113	11.5	24	61.0	10.5	26.7	10	25.4	68.9	175.0	12.0	30.5	1"	5.56	21.0	675	307
AAE600	600	176	480	141	14.3	27	68.6	10.5	26.7	10	25.4	68.9	175.0	13.5	34.3	1"	6.75	25.5	725	330
AAE720	720	211	576	169	17.2	30	76.2	10.5	26.7	12	30.5	71.2	181.0	15.0	38.1	1"	7.95	30.1	790	359
AAE840	840	246	672	197	20.1	33	83.8	10.5	26.7	14	35.6	72.9	185.1	16.5	41.9	1"	9.14	34.6	860	391
AAE960	960	281	768	225	22.9	36	91.4	10.5	26.7	14	35.6	72.9	185.1	18.0	45.7	1 1/4"	10.34	39.1	940	427
AAE1080	1080	317	864	253	25.8	39	99.0	10.5	26.7	16	40.6	76.0	193.0	19.5	49.5	1 1/4"	11.53	43.6	990	450
AAE1200	1200	352	960	281	28.7	42	106.7	10.5	26.7	16	40.6	76.0	193.0	21.0	53.3	1 1/4"	12.73	48.2	1050	477
AAE1320	1320	387	1056	310	31.5	45	114.3	10.5	26.7	18	45.7	77.3	196.3	22.5	57.2	1 1/4"	13.92	52.7	1140	518
AAE1440	1440	422	1152	338	34.4	48	121.9	10.5	26.7	18	45.7	77.3	196.3	24.0	61.0	1 1/4"	15.12	57.2	1205	548
AAE1560	1560	457	1248	366	37.3	51	129.5	10.5	26.7	18	45.7	77.3	196.3	25.5	64.8	1 1/4"	16.31	61.7	1270	577
AAE1680	1680	492	1344	394	40.1	54	137.2	10.5	26.7	20	50.8	78.7	199.9	27.0	68.6	1 1/2"	17.51	66.3	1350	614
AAE1800	1800	528	1440	422	43.0	57	144.8	10.5	26.7	22	55.9	80.7	205.0	28.5	72.4	1 1/2"	18.70	70.8	1440	655
AAE1920	1920	563	1536	450	45.9	60	152.4	10.5	26.7	22	55.9	80.7	205.0	30.0	76.2	1 1/2"	19.90	75.3	1520	691
AAE2040	2040	598	1632	478	48.7	63	160.0	10.5	26.7	24	61.0	82.6	209.8	31.5	80.0	1 1/2"	21.09	79.8	1605	730
AAE2160	2160	634	1728	506	51.6	66	167.6	10.5	26.7	24	61.0	82.6	209.8	33.0	83.8	1 1/2"	22.28	84.3	1645	748
AAE2280	2280	669	1824	535	54.5	69	175.2	10.5	26.7	24	61.0	82.6	209.8	34.5	87.6	1 1/2"	23.48	88.9	1690	768
AAE2400	2400	703	1920	563	57.3	72	182.9	10.5	26.7	24	61.0	82.6	209.8	36.0	91.4	1 1/2"	24.67	93.4	1770	805
AAE2495	2495	731	1996	584	59.6	75	190.5	12.0	30.5	2x18	2x45.7	78.8	200.2	2x18.25	2x46.4	2"	25.87	97.9	1850	841
AAE2640	2640	774	2112	619	63.1	78	198.1	12.0	30.5	2x18	2x45.7	78.8	200.2	2x19.75	2x50.2	2"	27.06	102.4	1890	859
AAE2760	2760	809	2208	647	65.9	81	205.7	12.0	30.5	2x18	2x45.7	78.8	200.2	2x20.25	2x51.4	2"	28.26	107.0	1935	880
AAE2880	2880	845	2304	675	68.8	84	213.4	12.0	30.5	2x18	2x45.7	78.8	200.2	2x21.00	2x53.3	2"	29.45	111.5	1975	898
AAE3000	3000	880	2400	703	71.7	87	221.0	12.0	30.5	2x18	2x45.7	78.8	200.2	2x21.75	2x55.3	2"	30.65	116.0	2020	918

\* For Propane models derate Input 10%.

\* In Canada: For altitudes above 2,000 feet, contact the factory for the appropriate Input derate.

\* In U.S.A.: For altitudes above 2,000 feet, reduce input 4% for each 1000 feet above sea level.

\*\* Add 3" to dimension 'A' (1 1/2" to each side of boiler) to allow for 3" NPT water connections.

\*\*\* AAE2495 and above use dual draft hoods and Dimension "E" is measured from both left and right hand sides.

### Options:

- Natural Gas models add suffix "N" - Propane models add suffix "P"
- Electronic Ignition add suffix "E"
- High/Low fire add suffix "M" - Full Modulation add suffix "MOD"