

## ADDENDUM 1

**PROJECT:** 12-18-002 Hot Water Heater Replacements Bid - Addendum 1  
**BID / TIME DUE:** December 5, 2018 @ 2:00 p.m.

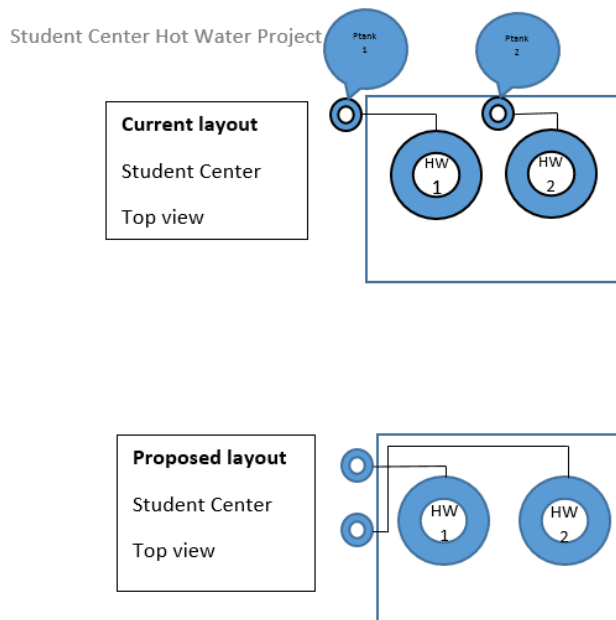
Bidder must acknowledge receipt of this addendum on Bid Form.

### QUESTIONS

1. When replacing a water heater, you also replace the expansions tanks, but bid docs do not specifically say to replace the expansion tanks. Can you please clarify if the expansion tanks are to be replaced as well?
  - a. **Yes, the one at the Aurora Downtown Campus replaced, not the two at the Student Center – Sugar Grove Campus. See attached specifications.**

### ADDITIONAL WORK TO BID SPECIFICATIONS

1. Relocate one expansion tank (Ptank-2) as shown in the sketch below. The Student Center (Taco) tank can be removed and relocated to allow for access to the left with the other expansion tank approximately 6 feet from its current location.



**Sugar Grove**  
Rt. 47 at Waubonsee Drive  
Sugar Grove, IL 60554-9454  
(630) 466-7900

**Aurora Downtown**  
18 S. River St.  
Aurora, IL 60506-4131  
(630) 801-7900

**Aurora Fox Valley**  
2060 Ogden Ave.  
Aurora, IL 60504-7222  
(630) 585-7900

**Plano**  
100 Waubonsee Drive  
Plano, IL 60545-2276  
(630) 552-7900

**INVITATION TO BID  
04-16-004 JVC Camcorders and Equipment  
April 20, 2016 @ 1:00 p.m.**

**This addendum does not change the bid due date or time.**

**END OF DOCUMENT**

**Sugar Grove**

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Sugar Grove, IL 60554-9454  
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100 Waubensee Drive  
Plano, IL 60545-2276  
(630) 552-7900



**Taco**  
TACO Inc. 1-91 Corral Street, Cranston RI 02907 USA  
TACO Europe Ltd. Moorpark Drive, Dublin  
WWW.TACO-UK.COM

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# Submittal Data Information

## PAX Expansion Tanks

(For Potable Water Applications)

401-084

SUPERSEDES: November 26, 2013

EFFECTIVE: December 1, 2014

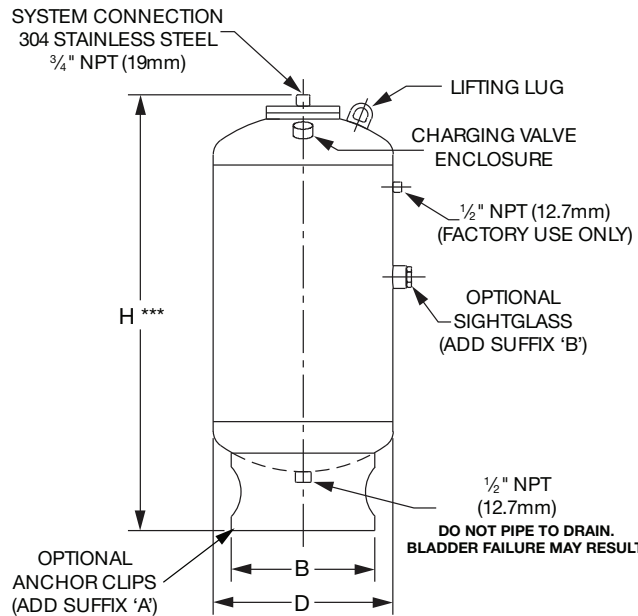
JOB \_\_\_\_\_ ENGINEER \_\_\_\_\_ CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

ITEM NO.	LOCATION	MODEL NO.	QUANTITY	PRE-CHARGE *	WORKING PRESSURE **
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\* Unless otherwise specified, standard pre-charge of 40 psi (276 kPa).

### SPECIFICATIONS

- Designed and constructed per ASME Code Section VIII, Div. 1.
- Construction: Carbon Steel with exterior red oxide primer finish
- Standard Design Pressure and Temperature: 150 psi @ 240°F (136 kPa @ 116°C) Max.
- Registered with the National Board of Pressure Vessel Manufacturers
- U-1A Data Report
- Bladder type for permanent separation of air and water.
- Water expands into bladder, air pre-charge on shell side.
- Bladder – Heavy Duty Butyl, removable for inspection.
- System Connection Materials 304 Stainless Steel
- **Suitable for Vertical or Horizontal Installation**
- **Optional Design Pressures and Temperatures**
  - 150 psi @ 280°F (1034 kPa @ 138°C)
  - 175 psi @ 240°F (1207 kPa @ 116°C)
  - 175 psi @ 280°F (1207 kPa @ 138°C)
- **Additional Options**
  - [ A ] Anchor Clips
  - [ B ] Bulls Eye Sight Glass



MODEL NUMBER	TANK VOLUME		ACCEPTANCE VOLUME		H HEIGHT ***		B DIAMETER		D DIAMETER		SHIPPING WEIGHT **		SYSTEM CONNECTION SIZE	
	GAL.	liter	GAL.	liter	INCH	mm	INCH	mm	INCH	mm	LBS.	kg	Imperial	metric
PAX30-150	8	30	5	19	24 <sup>3</sup> / <sub>4</sub>	629	12	305	14	356	90	41	3/4" NPT	19 mm
PAX42-150	11	42	5	19	29 <sup>3</sup> / <sub>4</sub>	756	12	305	14	356	105	48	3/4" NPT	19 mm
PAX84-150	22	83	12	45	41 <sup>1</sup> / <sub>4</sub>	1048	12	305	16	406	150	68	3/4" NPT	19 mm
PAX130-150	34	129	19	72	52 <sup>1</sup> / <sub>2</sub>	1334	12	305	16	406	200	91	3/4" NPT	19 mm
PAX170-150	45	170	24	91	65 <sup>3</sup> / <sub>4</sub>	1670	12	305	16	406	240	109	3/4" NPT	19 mm
PAX215-150	57	216	31	117	57 <sup>7</sup> / <sub>8</sub>	1470	16	406	20	508	250	113	3/4" NPT	19 mm
PAX254-150	67	254	34	129	67 <sup>1</sup> / <sub>4</sub>	1708	16	406	20	508	280	127	3/4" NPT	19 mm
PAX300-150	79	299	43	163	56 <sup>1</sup> / <sub>2</sub>	1435	20	508	24	610	300	136	3/4" NPT	19 mm
PAX350-150	92	348	43	163	63 <sup>5</sup> / <sub>8</sub>	1616	20	508	24	610	330	150	3/4" NPT	19 mm
PAX425-150	112	424	61	231	76 <sup>3</sup> / <sub>8</sub>	1940	20	508	24	610	380	172	3/4" NPT	19 mm
PAX500-150	132	500	61	231	84 <sup>7</sup> / <sub>8</sub>	2156	20	508	24	610	425	193	3/4" NPT	19 mm

\*\* Weight shown is for 150 psi models only. Consult factory for shipping weight of higher design pressure models.\*\*

\*\*\* Allow 18" minimum clearance above tank for piping system connection.

COMMENTS: \_\_\_\_\_



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