

**Addendum No. 4**

to the Contract Documents for

REPAINTING OF AND MINOR IMPROVEMENTS TO THE  
BROADLANDS ELEVATED WATER STORAGE TANK NO. TWO

Loudoun Water IFB No. 2011-011-220

The following changes, additions, revisions, and or deletions are hereby made a part of the Contract Documents for the REPAINTING OF AND MINOR IMPROVEMENTS TO THE BROADLANDS ELEVATED WATER STORAGE TANK NO. TWO, dated April 2011, as full and completely as if the same were fully set forth therein:

**4.1** Refer to Section 00100, page 1, third paragraph.

**Replace** “The Loudoun County Sanitation Authority (the Owner) will receive BIDS until 2 p.m. local time, Friday June 10, 2011. Bids received after that time will not be accepted.”

**With** “The Loudoun County Sanitation Authority (the Owner) will receive BIDS until 2 p.m. local time, Friday June 17, 2011. Bids received after that time will not be accepted.”

**4.2** Refer to Specification Section 11730, *Submersible Mixer*

**Replace** Paragraph 2.01.C with the following:

C. Motor

1. AISI Type 316 Stainless Steel body
2. Chlorine/Chloramine resistant rubber seals
3. Fully submersible
4. Low Voltage (10-45V)
5. High Voltage 110 VAC motor not permitted
6. Low power (0.5 HP maximum)
7. Water-filled motor
8. Water-lubricated motor
9. Variable RPM



**4.3** Refer to Specification Section 11730, *Submersible Mixer*

**Delete** Paragraph 2.01.E, in its entirety

**4.4** Refer to Specification Section 11730, *Submersible Mixer*

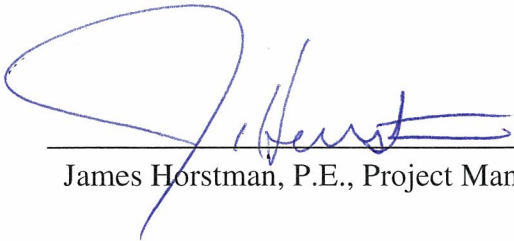
**Replace** Paragraph 2.04 with the following:

2.04. Materials – Dry Side (Motor Control Panel)

1. Enclosure
  - a. Lockable
  - b. Over-hanging lip as moisture seal
  - c. Vandal-resistant, 14 gauge, AISI Stainless Steel 304 construction
  - d. Overall weight of control center not to exceed 50 lbs
2. Power supply
  - a. 48V DC power supply
  - b. Operating temperature range -40°C to +70°C
  - c. Automatic Thermal shut-off protection built-in
  - d. Power Factor meets EN61000-3-2
  - e. RoHS-compliant design
3. Motor Controller
  - a. Conformal-coated PC Board to control motor speed
  - b. Green and Red LED Indicator lights show motor status
  - c. Operating temperature range -40°C up to 85°C
  - d. Manual speed control located on board (potentiometer)
  - e. Thermal shut-off protection built-in
  - f. Current overload protection built-in
4. SCADA Control Board
  - a. Conformal-coated
  - g. Digital Output signal indicating motor running
  - h. Digital Output signal indicating attention required
  - i. Digital Input/output signal allowing remote motor on/off
  - j. RS-232 or dry contact connections
  - k. Green and Red LED status indicator lights connected on enclosure

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REPAINTING OF AND MINOR IMPROVEMENTS TO THE BROADLANDS ELEVATED  
WATER STORAGE TANK NO. TWO  
Loudoun Water IFB No. 2011-011-220

Four (4)  
*(Addendum Number)*



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James Horstman, P.E., Project Manager, Loudoun Water

06-08-11  
*(Date)*

END OF ADDENDUM NO. 4



## QUESTIONS and ANSWERS

June 8, 2011

Related to Loudoun Water IFB No. 2011-011-220

### REPAINTING OF AND MINOR IMPROVEMENTS TO THE BROADLANDS ELEVATED WATER STORAGE TANK NO. TWO

The following questions and answers are provided as clarification for Bidders, but are not part of the addenda.

1. Is there a “painters ring” inside the tank (the wet portion of the tank)?  
A. No.
2. Is there a “painters ring” on the exterior of the tank?  
A. No.

The Bidders attention is directed to Section 00200, Article 1, Section E.4

4. Because of the time required to publish and deliver, The OWNER is under no obligation to respond to questions or issue ADDENDA with less than three calendar days before the date of opening BIDS.

