

DOCUMENT 00912

**ADDENDUM NUMBER 2**

Issued: August 2, 2016

**North Bay Water Reuse Program  
Sonoma Valley County Sanitation District Treatment Plant  
Pumping and Piping Upgrades**

FROM: Sonoma Valley County Sanitation District  
404 Aviation Boulevard  
Santa Rosa, CA 95403-9019

TO: Prospective Bidders

This Addendum forms a part of and modifies the Project Manual dated June 2016. Bidder shall acknowledge receipt of this Addendum in the space provided in Document 00400 (Bid Form).

Modified text is indicated as follows: Double-underline designates text to be inserted; ~~strikeout~~ designates text to be deleted.

Addendum Number 2 consists of 3 pages (size 8 1/2" x 11") and 0 revised Drawings.

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**I. General Changes**

A. No changes.

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**II. Changes to Prior Addenda**

A. No changes.

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**III. Changes to Introductory Information and Bidding Requirements**

A. No changes.

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**IV. Changes to Contracting Requirements**

A. No changes.

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**V. Changes to Conditions of the Contract**

A. No changes.

## VI. Changes to Specifications

### A. Section 11091 (Automatic Self Cleaning Strainers):

1. Modify the table in Paragraph 2.2A.2 as follows:

Number	2
Capacity (GPM)	1000
Flange Size (IN)	8 Inch
Max Headloss Clean Including Straining Element (PSI)	2
Velocity (Maximum)	10 ft/sec across screen element
Min. Motor HP	1/2
Raw Water Pressure Range (PSI)	<del>5-30</del> - 90
Filter Screen Openings	500 micron

2. Modify Paragraph 2.2C as follows:

C. The strainer shall be rated for service at 150 PSI @ 100 DegF ~~and ASME code stamped. Inlet and outlet connections shall be flanged and designed and constructed in accordance with ANSI and ASME Section VIII, Division 1. The strainer shall be hydrostatically tested to 1-1/2 times the vessel pressure rating.~~

3. Modify Paragraph 2.2D as follows:

D. The water flow and pressure used for backwashing is minimum 220 gpm at 30 psi.  
If the raw water pressure is not sufficient to backwash the strainer, the strainer shall be modified to use filtered water for backwashing of the strainer. The design and operating capacity of the membrane system shall be increased by 1 percent to account for strainer backwash water losses.

4. Modify Paragraph 2.3A.1 as follows:

1. Filter housing and lid: Epoxy powder coated ~~Galvanized~~ steel.

5. Delete Paragraph 2.3A.3.a in its entirety. Renumber remaining paragraph accordingly.

3. Cleaning mechanism:

- ~~a. Brushes: Type 316 stainless steel.~~

- ~~b.a. Scanner: Type 316 stainless steel.~~

6. Modify Paragraph 2.3A.6 as follows:

6. Control system: Epoxy coated carbon steel ~~Aluminum~~.

7. Modify Paragraph 2.3B.1 as follows:

1. Motor shall operate on ~~120/~~208 volt, 60 Hz, 3 PH power supply.

8. Delete Paragraph 2.3C.2.b.3 in its entirety. Renumber remaining paragraphs accordingly.

~~3) "Differential Pressure" light showing through cabinet door.~~

9. Modify newly renumbered Paragraph 2.3C.2.b.5 as follows:

- 5) Adjustable timers to set the backwash interval ~~and duration~~.

10. Modify newly renumbered Paragraph 2.3C.2.b.6 as follows:

- 6) Dry contacts for remote monitoring of ~~ready status, operation, and malfunction alarm~~.

11. Modify newly renumbered Paragraph 2.3C.2.b.8 as follows:
  - 8) Motor starter circuit breaker with lockable handle ~~through cabinet door~~.
12. Modify Paragraph 2.3C.4 as follows:
  4. Pressure gauges shall be installed on the inlet and outlet piping of each strainer. Gauges shall be 4 Inch dial size, 1/2 Inch NPT connection, Type 316 stainless steel bourdon tube, Type 316 stainless steel connections, Type 304 stainless steel housing, glass lens, grade 1A accuracy. Gauges shall have a range of 0 to 100 ~~30 inches mercury to 30~~ psig.
13. Modify Paragraph 2.3C.5 as follows:
  5. Mount differential pressure switches on filter units. Connect switches in parallel at the control panel. Prewire into the control panel. ~~switch on the outside of the control panel on strut and prewire into control panel.~~

## VII. Changes to Drawings

- A. No changes.

## VIII. Question(s)/Answer(s)

Owner's responses to Bidder questions shall be for the purposes of interpretation and clarification of the Contract Documents only, and shall not be construed as changing, superseding, or contradicting any express term in the Contract Documents. If any Bidder believes that a response to a question warrants a change in any term in the Contract Documents, the Bidder shall so request the change be made in writing addressed to Owner and received no later than the latest date for submitting Bidder questions. In the absence of a change in any term of the Contract Documents, the express terms of the Contract Documents shall have precedence. Bidder questions are listed below verbatim.

- A. [from Addendum Number 1] The specified automatic self cleaning filters for this project we sent the specifications to Amiad for a project quote. I have attached a letter from Amiad for this project for clarification on. Please review the letter with outlined questions that are in line with the written specification so we can identify these and quote the correct filter.

Owner's response: Answered in this Addendum above.

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