

**Town of Clifton Wastewater Treatment Plant  
Parshall Flume Project  
February 17, 2020**

**Addendum No. 1**

This addendum pertains to the entire set of bid documents and to the entire plan set and shall take precedence over any conflicting information contained therein. The construction plans have also been amended as part of this addendum. The construction plans with

Pre-Bid Meeting Questions

1. Do the conduit trenches require concrete slurry backfill?

**Response:** No, the conduit trenches do not require concrete slurry backfill.

2. Will dimensions for electric pole bases be provided?

**Response:** No, electric pole base dimensions will be per the light pole manufacturer's recommendations.

3. Can an alternate brand and model of ultrasonic flowmeter be used in place of what is specified in the plans?

**Response:** Yes, an engineer approved flowmeter equal may be used. The specified flowmeter in the plan set is a Greyline Model OCF 5.0 Ultrasonic Open Channel Flowmeter. This flowmeter can be found at [www.greyline.com](http://www.greyline.com). Below is a potential supplier's contact information. This supplier represents one option and is in no way required to be used.

Ted Post  
General Manager- West Region  
Relevant Industrial  
(209) 480-0115  
[ted.post@relevantsolutions.com](mailto:ted.post@relevantsolutions.com)

4. Do the concrete walls of the flume need to be sandblasted prior to coating?

**Response:** Concrete surfaces are to be prepared in accordance with ASTM D4258 Surface Cleaning of Concrete and ASTM D4259 Abrading Concrete.

Bowman Consulting Group  
305 E. 4<sup>th</sup> Street  
Safford, Arizona 85546  
928-428-3898

5. Are both a Part A and Part B NovaCoat concrete coating required?

**Response:** Yes, concrete coating shall include NovaCoat SC1100 Concrete Primer, NovaCoat White Part A (SG2510A), and NovaCoat Green Part B (SG2508B) or engineer approved equal.

6. Is there a required color for the concrete coating?

**Response:** No, the specified flow meter is ultrasonic not optical thus a specific color is not required.

7. Does the temporary sewer by-pass pump and pipe need to be staffed 24/7?

**Response:** The temporary sewer by-pass shall be staffed at all times and/or have redundant protective measures in place. The contractor will assume all responsibility for spills associated with the temporary sewer by-pass.

8. What type of aluminum grating is required?

**Response:** The aluminum grating shall be as identified on Sheet 2 of 3 Section 11201 Part 2 – Products subpart 2.03.

9. What type of angles are required for the aluminum grating?

**Response:** Aluminum angles shall be as shown on the amended construction plans.

10. Can the angles be mounted on the interior concrete walls of the flume such that the grate sits flush with the top of the wall?

**Response:** Angles shall be mounted on the interior walls as shown on the amended construction plans.

11. Is an onsite office required?

**Response:** No, an onsite office is not required.

12. What is the size and type of the existing sewer pipe?

**Response:** The existing sewer pipe has a 15" diameter and is made of vitrified clay.

Pre-Bid Meeting Clarifications

- A. Any frame rails or other modification to the flume shall be removed prior to coating and then reinstalled following coating. These activities are considered incidental to the contract and no additional compensation shall be permitted.
- B. The existing Muffin Monster shall be reinstalled following concrete coating and prior to placing the flume back into service. These activities are considered incidental to the contract and no additional compensation shall be permitted.
- C. The same trench for the electrical conduit may be used for the flow sensor.

Any follow up questions or new questions shall be submitted in writing as stated in the invitation to bid.



Expires 6/30/22