

**Addendum No. 2**  
**City of Sparks 2017 Unit 3 Water Main Replacement Project**  
PWP Bid No.: WA-2017-126  
TMWA Capital Project No.: 10-0001.046  
March 16, 2017

The following information, clarifications, changes and modifications are by reference incorporated into the bid documents for the above referenced project. Any work item or contract provision not changed or modified will remain in full force and effect. The bid date and time and construction schedule remain the same.

**QUESTIONS AND RESPONSES**

**Question No. 1:** I have a question regarding the Unit 3 Water Main Replacement project in Sparks. I have searched throughout the Specifications of the project and cannot seem to find a specification for the grout material to be used to fill the abandoned pipes. If you could please clarify the specs for the grout that would be greatly appreciated. Thank you very much.

**Response to Question No. 1:** The following grout material shall be utilized for water mains to be abandoned as called out on the drawings. Grout material shall consist of Portland Cement and Fly Ash, and/or additives. Biodegradable materials will not be permitted in the mixture. The grout shall have a minimum penetration resistance of 100 P.S.I. in 24 hours when tested in accordance with ASTM C403 and a minimum compressive strength of 300 P.S.I. in 28 days when tested in accordance with ASTM C495 or C109. Grout material shall have less than 1% shrinkage by volume and be highly flowable. The viscosity shall not exceed 20 seconds in accordance with ASTM C939 unless otherwise approved by the Engineer.