



**SAN ANTONIO WATER SYSTEM
2019 ANNUAL SANITARY SEWER MANHOLE ADJUSTMENT, REHABILITATION AND
REPLACEMENT CONSTRUCTION CONTRACT, PACKAGE 3**

**SAWS JOB NUMBER 19-0105 (O&M) AND 19-1403 (CIP)
SOLICITATION NO. CD-B-19-003-JAM**

**ADDENDUM NO. 1
January 29, 2019**

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bidding documents and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the addendum number and issue date in the space provided in submitted copies of the proposal.

QUESTIONS AND ANSWERS:

Question No. 1:

“As I am looking through the specs for cleaning & televising, I see there are no pipe sizes or linear footage. Can you help me find those items for this project?”

Answer No. 1:

All work orders that will be issued under this contract are unspecified at the time of bidding. As this is a work order contract, pipe sizes and linear footages are unspecified.

**CHANGE TO THE SAN ANTONIO WATER SYSTEM STANDARD SPECIFICATIONS FOR
CONSTRUCTION:**

ITEM 852, SANITARY SEWER MANHOLES:

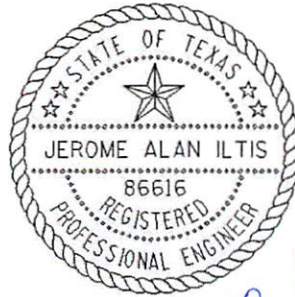
Delete paragraph 6. of section 852.4 in its entirety and replace it with the following:

6. *For new manholes, and for existing manholes when tasked, apply a combination of cementitious and epoxy products, with the cementitious coating first, followed by the epoxy coating. Approved materials are as follows:*
 - a. *Cementitious coating: With required one inch thick application:*
 - (1) *Permaform CR-5000*
 - (2) *Strong - Seal MS-2C*
 - (3) *Standard Cement Material Inc. Reliner*
 - (4) *Quadex Aluminaliner*
 - (5) *ConShield Biotech Armor*
 - b. *Epoxy coating: With specified thickness application:*
 - (1) *Raven 405 Series High Build Epoxy Liner: Minimum required thickness – 125 mils*
 - (2) *Carboline “Plasite 4500” System: Minimum required thickness – 125 mils*
 - (3) *Carboline Reactamine ET: Minimum required thickness – 125 mils*

c. The only products approved, applied at the required one inch thick application, which do not require a subsequent epoxy coating are as follows:

- (1) Kerneos SewperCoat 2000 HS and PG
- (2) AP/M Permaform MS-10,000 fortified with ConShield
- (3) Warren 100% Solids Epoxy Lining System for Structural Rehabilitation 301-14 and 301-18

END OF ADDENDUM 1



Jerome A. Iltis
1/29/19