



**SAN ANTONIO WATER SYSTEM
C_13 – BROADWAY CORRIDOR PROJECT
PACKAGE 1.C AND 3.C
SAWS JOB NO. 15-4510 & 15-4512
SOLICITATION NO. CO-00056**

ADDENDUM NO. 2
JUNE 03, 2016

TO BIDDER OF RECORD:

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of the C_13 – Broadway Corridor Project, Packages 1.C and 3.C for the San Antonio Water System, San Antonio, Texas, dated May 2016, as fully and completely as if the same were full set forth therein.

GENERAL

N/A

BIDDING AND CONTRACT REQUIREMENTS

1. Invitation to Bidders: DELETE the date of June 7, 2016 and INSERT the date of June 10, 2016 for the date of receiving of the sealed bids.

TECHNICAL SPECIFICATIONS

1. SPECIAL PROVISIONS TO ITEM NO. 850 SANITARY SEWER STRUCTURES:
 - a. INSERT the following paragraph under “2. In Section 850.3 MATERIALS”:

“b. In Section 7: DELETE this section in its entirety and REPLACE with the following:

7. Coating: After all structures have been constructed or rehabilitated, and all testing has passed, they shall be considered watertight. Afterward, they shall be coated with a SAWVS-approved sewer coating.

For new structures, or existing ones scheduled to be rehabilitated, contractors shall apply a combination of both products with the cementitious coating first, followed by the epoxy coating. Kerneos SewperCoat 2000 HR regular and APM MS-10,000 with ConShield Biotech Armor, applied at the required one inch thick application, are the only products approved which do not require a subsequent epoxy coating. New structures installed do not require the cementitious coating. Other 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.*

b. Epoxy coating: With specified thickness application:

- (1) Raven 405 Series High Build Epoxy Liner: Required thickness 125 mils;*
- (2) (2) Spray Wall polyurethane System: Required thickness 125 mils;*
- (3) (3) Carboline “Plasite 4500” System: Required thickness 125 mils.”*

2. ITEM NO. 910 MANHOLE REHABILITATION SPECIFICATION.

“In Section 910.5, subsection 6: DELETE this section in its entirety and REPLACE with the following:

6. Coating: After all structures and manholes have been rehabilitated, and all testing has passed, they shall be considered watertight. Afterward, they shall be coated with a SAWS-approved sewer coating.

For rehabilitated manholes and structures, contractors shall apply a combination of both products with the cementitious coating first, followed by the epoxy coating. Kerneos SewperCoat 2000 HR regular and APM MS-10,000 with ConShield Biotech Armor, applied at the required one inch thick application, are the only products approved which do not require a subsequent epoxy coating. New structures installed do not require the cementitious coating. Other 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.

- b. Epoxy coating: With specified thickness application:
 - (1) Raven 405 Series High Build Epoxy Liner: Required thickness 125 mils;
 - (2) (2) Spray Wall polyurethane System: Required thickness 125 mils;
 - (3) (3) Carboline “Plasite 4500” System: Required thickness 125 mils.”

DRAWINGS

- 1. N/A

ALL BIDDERS SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM NO. 2 IN THE BID FORM AND BY HIS/HER SIGNATURE AFFIXED HERETO AND TO FILE SAME AS AN ATTACHMENT TO HIS/HER BID. BID FORMS SUBMITTED WITHOUT THIS ACKNOWLEDGEMENT WILL BE CONSIDERED INFORMAL.

CH2M HILL

TBPE Firm No. 3699



Jonathan Vorheis, P.E.



ACKNOWLEDGEMENT BY BIDDER

THE UNDERSIGNED ACKNOWLEDGES RECEIPT OF THIS ADDENDUM NO. 1 AND THE BID SUBMITTED HERewith IS IN ACCORDANCE WITH THE INFORMATION AND STIPULATION SET FORTH.

Date _____ Signature of Bidder _____