



## Water & Wastewater Commission Review and Recommendation

<b>Commission Meeting Date:</b>	June 13, 2018
<b>Council Meeting Date:</b>	June 28, 2018
<b>Department:</b>	Public Works
<b>Client:</b>	Mike Russ, Kevin Koeller, and Chris Chen
<b>Agenda Item</b>	
Authorize award and execution of a construction contract with <b>Insituform Technologies, LLC</b> , for the Nueces St. Wastewater Rehabilitation from West 8th Street to East Martin Luther King, Jr. Boulevard project in the amount of \$2,342,631 plus a \$234,263.10 contingency, for a total contract amount not to exceed \$2,576,894.10. (District 9)	
<b>Amount and Source of Funding</b>	
Funding is available in the Fiscal Year 2017-2018 Capital Budget of the Austin Water.	
<b>Purchasing Language:</b>	Lowest responsive bid of two bids received through a competitive Invitation for Bid solicitation.
<b>Prior Council Action:</b>	N/A
<b>Boards and Commission Action:</b>	June 13, 2018- To be reviewed by the Water and Wastewater Commission.
<b>MBE/WBE:</b>	This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 6.27% MBE and 4.05% WBE participation.

Multiple critical wastewater lines along Nueces Street from 8<sup>th</sup> Street to Martin Luther King, Jr Boulevard collect flows from a large downtown service area. Due to their age and importance, approximately 9,000 linear feet of existing wastewater lines will be rehabilitated using a trenchless Cured-In-Place-Pipe (CIPP) method. This project will rehabilitate existing wastewater lines in accordance with an agreement with the Texas Commission on Environmental Quality (TCEQ) Sanitary Sewer Overflow (SSO) Outreach Initiative.

The trenchless Cured-In-Place-Pipe method will benefit the downtown area by minimizing the traffic impacts and requiring minimal excavation in order to rehabilitate the wastewater lines. Once the rehabilitation is completed, it is estimated that the useful service life of the lines will be extended by an additional 75 years. The rehabilitation will also reduce the likelihood of sanitary sewer overflows due to broken or collapsed pipe.

Public outreach meetings with affected stakeholders will be scheduled prior to construction. A delay executing this contract will further delay the needed rehabilitation and may increase the risk of sanitary sewer overflows or service interruptions to customers should the pipe fail.

Due to the potential for encountering unknown subsurface conditions, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders. A contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project.

The contract allows 395 calendar days for completion of this project. This project is located within zip code 78701 (District 9). The project will be managed by the Public Works Department.

Insituform Technologies, LLC is located in Chesterfield, Missouri.

### **M/WBE Summary**

Public notice was given for this solicitation CLMC701 Nueces Street Wastewater Rehabilitation from West 8th Street to East Martin Luther King, Jr. Boulevard project, through the City's Vendor Connection web portal. Two bids were received and opened on March 29, 2018. Of the two bids received, none of the firms submitting were certified MBE/WBE vendor. Insituform Technologies, LLC submitted the lower responsive bid of the two bids received:

Insituform Technologies, LLC, Chesterfield, MO	\$2,342,631
Layne Inliner, LLC, Baytown, TX	\$2,596,620

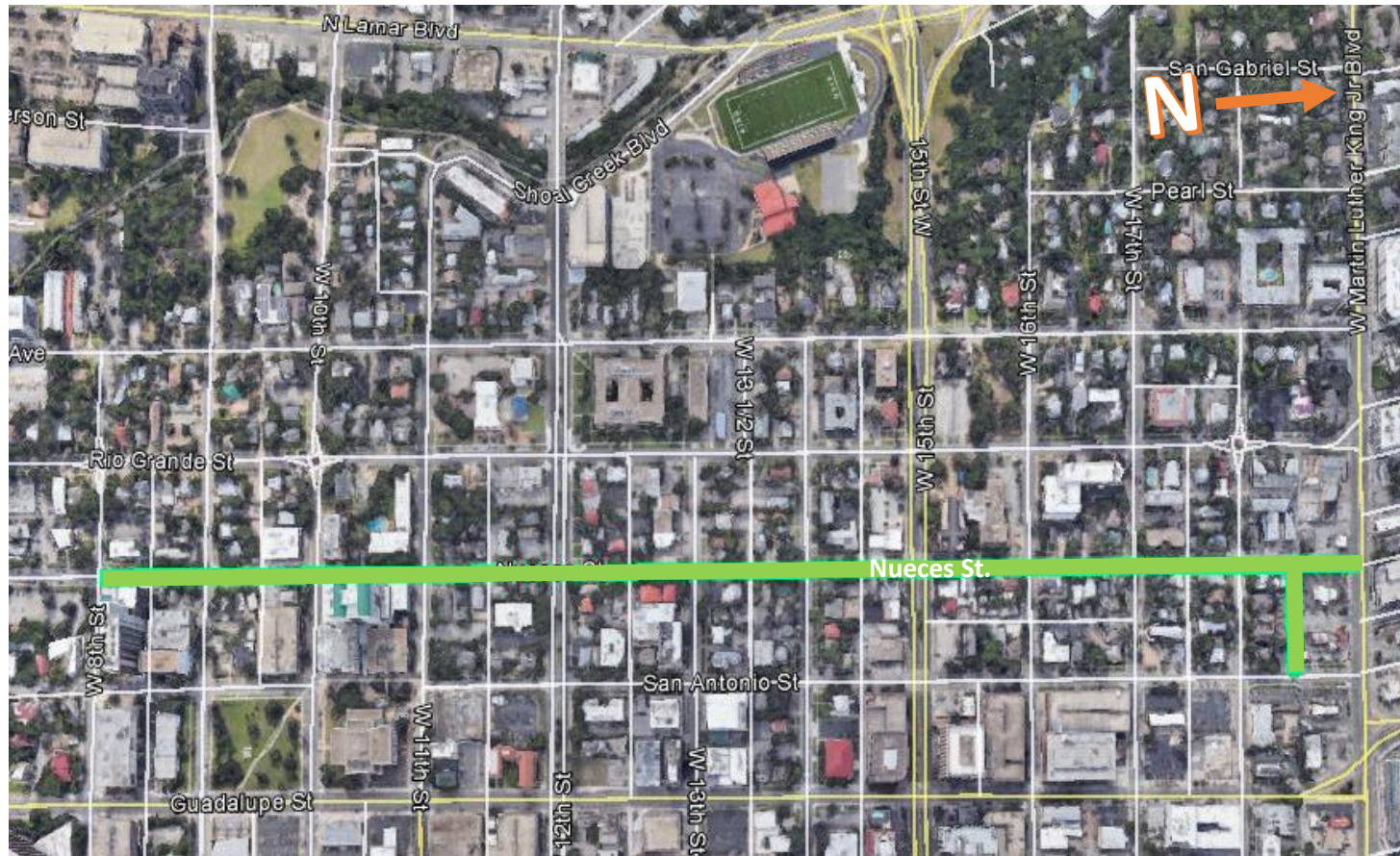
The contractor's choice of work methodology provides for six areas of subcontracting opportunities which are listed below. Participation subgoals were 5.91% MBE and 0.69% WBE. Total participation estimated on base bid amount:

<b>PRIME NON M/WBE TOTAL</b>	<b>\$1,809,453.45</b>	<b>77.23%</b>
Insituform Technologies, LLC, Chesterfield, MO	\$1,809,453.45	77.23%
<b>MBE TOTAL – SUBCONTRACTORS</b>	<b>\$146,802</b>	<b>6.27%</b>
(MH) Guerra Underground, LLC, Austin, TX (excavation)	\$146,802	6.27%
<b>WBE TOTAL – SUBCONTRACTORS</b>	<b>\$94,816.80</b>	<b>4.05%</b>
(FH) Lewis Concrete Restoration Corp, Buda, TX (manholes)	\$88,366.80	3.77%
(FW) Stephanie Braun Clayton Photography (photos)	\$6,450	0.28%
<b>NON MBE/WBE TOTALS- SUBCONTRACTORS</b>	<b>\$291,558.75</b>	<b>12.45%</b>
National Power Rodding Corp, Chicago, IL (storm sewer cleaning)	\$38,908.75	1.66%
Whitenton Group, San Marcos, TX (environmental and ecological)	\$22,650	0.97%
Rain for Rent, San Antonio, TX (pumps and accessories)	\$230,000	9.82%

The Contractor submitted a MBE/WBE Compliance Plan that met the goals of the solicitation and was approved by the Small and Minority Business Resources Department. Second low bidder information is provided.

**SECOND BIDDER** - Layne Inliner, LLC, Baytown, TX \$2,596,620  
90.50% NON M/WBE prime participation; 7.86% MBE and 1.64% WBE subcontractor participation.

## Nueces St. from West 8th St. to East Martin Luther King, Jr Blvd Wastewater Rehabilitation



**Project Location**

# Certified Bid Tab

<b>CITY OF AUSTIN</b>		<b>PROJECT SPONSOR:</b> Austin Water		<b>BID OPENING DATE:</b> 3/29/2018	
<b>BID TABULATION</b>		<b>BID CERTIFICATION &amp; CONTRACT REP:</b> Gerard Bickham		<b>TIME:</b> 1:30 pm	
		<b>PROJECT MANAGER:</b> William Power		<b>LOCATION:</b> 505 Barton Springs Rd	
		<b>PROJECT CONSULTANTS:</b>		<b>PRICE EXPIRATION:</b> 120 CAL. DAYS	
		<b>DURATION:</b>		<b>LIQUIDATED DAMAGES:</b>	

<b>PROJECT:</b>	Nueces Wastewater Rehab for 8th to MLK	<b>SUB ID#</b>	
<b>BID INVITATION NO:</b>	CLMC701	<b>RESPONSES:</b>	2
<b>PROJECT NUMBER(S):</b>	2231.197	<b>ESTIMATE:</b>	\$2,030,000.00

<b>BIDDER(S):</b>	Insituform Technologies, LLC	Layne Inliner, LLC	
<b>LOCATION:</b>	Chesterfield, Missouri	Baytown, TX	
<b>GUARANTEE:</b> BB-Bid Bond CC-Cashiers Check CTC-Cert. Chk.	BB	BB	
<b>ADDENDA ACKNOWLEDGED</b>	N/A	N/A	N/A

BID ITEM	QTY	UNIT	ITEM DESCRIPTION	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
104S-A4	30	LF	Remove P.C. Concrete Curb	\$ 85.00	\$ 2,550.00	\$ 85.00	\$ 2,550.00		#VALUE!
403S-EA	5	EA	Concrete Pavement Repair around Walewater Manhole Frame and Cover per COA Standard Detail 1100S-1	\$ 3,000.00	\$ 15,000.00	\$ 3,000.00	\$ 15,000.00		#VALUE!
430S-A	30	LF	P.C.Concrete Curb and Gutter (EXCAVATION)	\$ 150.00	\$ 4,500.00	\$ 150.00	\$ 4,500.00		#VALUE!
432S-RP-1	1	EA	P.C.Sidewalk Curb Ramp with Pavers (Type I)	\$ 3,750.00	\$ 3,750.00	\$ 4,000.00	\$ 4,000.00		#VALUE!
432SR-4W	300	SF	Reconstruct Concrete Sidewalks to 4 inches, including removal of existing sidewalk	\$ 38.00	\$ 11,400.00	\$ 45.00	\$ 13,500.00		#VALUE!
509S-1	40	LF	Trench Excavation Safety Protective System (all depths)	\$ 20.00	\$ 800.00	\$ 16.00	\$ 640.00		#VALUE!
602S-D	15	SY	Grass Sodding	\$ 50.00	\$ 750.00	\$ 100.00	\$ 1,500.00		#VALUE!
610S-A	520	LF	Protective Fencing Type A Chain Link fence (Typical Application high damage potential)	\$ 6.00	\$ 3,120.00	\$ 20.00	\$ 10,400.00		#VALUE!
610S-E	47	EA	Tree Trunk Protection, Wood Planking	\$ 125.00	\$ 5,875.00	\$ 400.00	\$ 18,800.00		#VALUE!
641S	2	EA	Stabilized Construction Entrance	\$ 2,450.00	\$ 4,900.00	\$ 5,000.00	\$ 10,000.00		#VALUE!
648S	290	LF	Mulch Sock	\$ 4.00	\$ 1,160.00	\$ 20.00	\$ 5,800.00		#VALUE!
700S-TM	1	LS	Total Mobilization Payment	\$ 89,000.00	\$ 89,000.00	\$ 125,000.00	\$ 125,000.00		#VALUE!
701S-CS	2	EA	Chain Link Vehicular Single Swing Gate, 6 Foot x 20 Foot (for Staging Area)	\$ 2,500.00	\$ 5,000.00	\$ 2,000.00	\$ 4,000.00		#VALUE!
701S-T	600	LF	Temporary Fence, 6 Foot High, Chain Link Type (for Staging Area)	\$ 16.00	\$ 9,600.00	\$ 25.00	\$ 15,000.00		#VALUE!
802S-B C.I.P.	2	EA	C.I.P. Project Sign	\$ 1,500.00	\$ 3,000.00	\$ 2,000.00	\$ 4,000.00		#VALUE!
803S-MO	12	PER MONTH	Barricades, Signs, and Traffic Handling	\$ 10,000.00	\$ 120,000.00	\$ 51,000.00	\$ 612,000.00		#VALUE!
803S-SF	250	LF	Safety Fence	\$ 3.00	\$ 750.00	\$ 25.00	\$ 6,250.00		#VALUE!

# Certified Bid Tab

SO340S-PRWW	36	EA	Hot Mix Asphaltic Concret Pavement Repair around Wastewater Manhole Frame and Cover per COA Standard Detail 1100S-1	\$ 2,700.00	\$ 97,200.00	\$ 3,000.00	\$ 108,000.00	#VALUE!
SP506S-LDCWW	1	EA	Large Diameter Cleanout, 24 Inch Dia. (All Depth), Complete in Place	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	#VALUE!
SP610S-TP	40	HR	Tree Pruning	\$ 80.00	\$ 3,200.00	\$ 100.00	\$ 4,000.00	#VALUE!
SS1540WW-1	1	LS	By-pass Pumping System with Sound Attenuating Pump Enclosures for 30-inch Diameter CIPP Lining, including HDPE discharge piping, Appurtenances, Backup Pump(s) with Sound Attenuating Enclosure of Equal Capacity, Complete in Place(From Manhole ID# 50614 &285462 to Manhole ID# 49447	\$ 60,000.00	\$ 60,000.00	\$ 75,000.00	\$ 75,000.00	#VALUE!
SS1540WW-2	1	LS	By-pass Pumping System with Sound Attenuating Pump Enclosures for 30-inch Diameter CIPP Lining, including HDPE discharge piping, Appurtenances, Backup Pump(s) with Sound Attenuating Enclosure of Equal Capacity, Complete in Place(From Manhole ID# 285301 to Manhole ID# 49473	\$ 60,000.00	\$ 60,000.00	\$ 65,000.00	\$ 65,000.00	#VALUE!
SS1540WW-3	1	LS	By-pass Pumping System with Sound Attenuating Pump Enclosures for 30-inch Diameter CIPP Lining, including HDPE discharge piping, Appurtenances, Backup Pump(s) with Sound Attenuating Enclosure of Equal Capacity, Complete in Place(From Manhole ID# 49446 to Manhole ID# 49473	\$ 45,000.00	\$ 45,000.00	\$ 55,000.00	\$ 55,000.00	#VALUE!
SS1540WW-4	1	LS	By-pass Pumping System with Sound Attenuating Pump Enclosures for 30-inch Diameter CIPP Lining, including HDPE discharge piping, Appurtenances, Backup Pump(s) with Sound Attenuating Enclosure of Equal Capacity, Complete in Place(From Manhole ID# 30842 to Manhole ID# 30839	\$ 60,000.00	\$ 60,000.00	\$ 65,000.00	\$ 65,000.00	#VALUE!
SS1540WW-5	1	LS	By-pass Pumping System with Sound Attenuating Pump Enclosures for 30-inch Diameter CIPP Lining, including HDPE discharge piping, Appurtenances, Backup Pump(s) with Sound Attenuating Enclosure of Equal Capacity, Complete in Place(From Manhole ID# 285282 to Manhole ID# 275714	\$ 80,000.00	\$ 80,000.00	\$ 75,000.00	\$ 75,000.00	#VALUE!
SS1540WW-6	1	LS	By-pass Pumping System with Sound Attenuating Pump Enclosures for 30-inch Diameter CIPP Lining, including HDPE discharge piping, Appurtenances, Backup Pump(s) with Sound Attenuating Enclosure of Equal Capacity, Complete in Place(From Manhole ID# 30783 to Manhole ID# 275714	\$ 75,000.00	\$ 75,000.00	\$ 60,000.00	\$ 60,000.00	#VALUE!
SS5101WW-6CIPP	598	LF	Cured-In-Place Pipe Lining, 6" Dia. Main, including By-pass Pumping, Complete in Place.	\$ 50.00	\$ 29,900.00	\$ 60.00	\$ 35,880.00	#VALUE!
SS5101WW-8CIPP	351	LF	Cured-In-Place Pipe Lining, 8" Dia. Main, including By-pass Pumping, Complete in Place.	\$ 100.00	\$ 35,100.00	\$ 75.00	\$ 26,325.00	#VALUE!
SS5101WW-12CIPP	2561	LF	Cured-In-Place Pipe Lining, 12" Dia. Main, including By-pass Pumping, Complete in Place.	\$ 70.00	\$ 179,270.00	\$ 65.00	\$ 166,465.00	#VALUE!
SS5101WW-15CIPP	677	LF	Cured-In-Place Pipe Lining, 15" Dia. Main, including By-pass Pumping, Complete in Place.	\$ 100.00	\$ 67,700.00	\$ 85.00	\$ 57,545.00	#VALUE!

# Certified Bid Tab

SS5101WW-30CIPP	4103	LF	Cured-In-Place Pipe Lining, 30" Dia. Main, Complete in Place. (By-pass Pumping paid separately)	\$ 280.00	\$ 1,148,840.00	\$ 195.00	\$ 800,085.00		#VALUE!
SS5101WW-LRC	40	EA	Reinstating Private Service Connection, Complete in Place (for all Wastewater Main Sizes)	\$ 50.00	\$ 2,000.00	\$ 250.00	\$ 10,000.00		#VALUE!
SS5601WW-A	4	EA	Raise Buried Manhole to Grade. Excavate, Provide, Install, and Adjust Grade Rings for Manhole from 1-Inch to 12-Inch Vertical Adjustment, including Adeka Ultra Seal P-201 from SPL ww-146A	\$ 3,400.00	\$ 13,600.00	\$ 3,800.00	\$ 15,200.00		#VALUE!
SS5601WW-B	312	LVF	Provide and Apply a Minimum of 1-Inch Structural Lining to the Interior Walls of Manhole, Including Coating on Bench and Invert Using a Product Listed on SPLWW-511A	\$ 143.00	\$ 44,616.00	\$ 165.00	\$ 51,480.00		#VALUE!
SS5601WW-C	168	LVF	Provide and Apply a Minimum of 80-Mils Thick Organic Coating to the Interior Walls of Manhole, Including Invert and Bench. Using a Product Listed on SPLWW-511	\$ 120.00	\$ 20,160.00	\$ 150.00	\$ 25,200.00		#VALUE!
SS5601WW-D	41	EA	Major Reconstruction of Bench or Invert of Manhole Using a Structural Lining Material Listed on SPLWW-511A, Including Flow Control	\$ 790.00	\$ 32,390.00	\$ 1,000.00	\$ 41,000.00		#VALUE!
TOTAL BID:					\$ 2,342,631.00		\$ 2,596,620.00		#VALUE!

TRUE COPY OF BID TABULATION AS RECEIVED OR  
CORRECTED IN ACCORDANCE WITH CONDITIONS  
GOVERNING PROPOSALS.

*Gerard Bickham*  
CAPITAL CONTRACTING OFFICE  
CONTRACT PROCUREMENT DIVISION  
CITY OF AUSTIN, TX

4/16/18  
DATE