



**Recommendation for  
Water & Wastewater Commission**

<b>Commission Meeting Date:</b>	October 9, 2019
<b>Council Meeting Date:</b>	October 31, 2019
<b>Department:</b>	Public Works Department
<b>Client:</b>	Thomas Rodriguez, Margaret Lake, Kevin Koeller, Bill Stauber
<b>SUBJECT</b>	
Authorize award and execution of a construction contract with Austin Underground, Inc., for Carson Creek Basin Wastewater Line Improvements in the amount of \$1,512,981 plus a \$151,298.10 contingency, for a total contract amount not to exceed \$1,664,279.10.	
<b>AMOUNT AND SOURCE OF FUNDING</b>	
Funding is available in the Fiscal Year 2019-2020 Capital Budget of Austin Water.	
<b>Purchasing Language:</b>	Lowest responsive bid of six bids received through a competitive Invitation for Bid solicitation.
<b>Prior Council Action:</b>	
<b>Boards and Commission Action:</b>	October 9, 2019 – 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 98.55% MBE and 1.39% WBE participation.

The existing wastewater infrastructure parallel to Carson Creek and west of Highway 183 is currently undersized to serve existing development in the Riverside Drive and Montopolis Drive area, meaning an increased risk of the wastewater system backing up or causing a sanitary sewer overflow (SSO) at manholes or cleanouts. Austin Water Systems Planning has determined based on review of Service Extension Requests in the wastewater basin that the line needs to be upgraded to increase capacity. In addition, the wastewater line is currently located in the creek bed of Carson Creek, making any such overflow very harmful to the environment and the riparian health and water quality of the creek.

The project consists of replacing approximately 2,500 linear feet of existing 12-inch and 15-inch concrete and PVC wastewater lines with larger 18-inch and 24-inch diameter PVC wastewater lines to provide additional capacity and accommodate approved Service Extension Requests and growth in this area. The new wastewater lines will be installed parallel to the creek to improve maintenance access and reduce potential environmental damage. The existing wastewater lines will be abandoned in place and filled with pumpable grout, so there is no need for excavation in the creek bed for their removal. The work begins near the intersection of Frontier Valley Drive and Chaparral Drive, and will proceed north, roughly parallel to Carson Creek, until it reaches US Highway 183.

The work will take place entirely within a City-owned tract of land that is not accessible to the public, so there will be minimal impact to motorists. There will be some typical noise associated with excavation and construction, but the work will largely be removed from any residential structures.

Any delay in completing the project will mean the system will remain undersized. As long as the system remains undersized, there is increased risk of a sanitary sewer overflow into Carson Creek. Development is continuing in the area, worsening the situation.

Due to the potential for 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 270 calendar days for completion of this project. This project is located within zip code 78741 (District 3). The project will be managed by the Public Works Department.

Austin Underground, Inc. is located in Jonestown, TX.

Information on this solicitation is available through the City's Austin Finance Online website. Link: [Solicitation Documents](#).

**M/WBE Summary**

Public notice was given for this solicitation, CLMC757 and Carson Creek Basin WW Line Improvements, through the City’s Vendor Connection web portal. Six bids were received and opened on August 29, 2019. Of the six of bids received three bids was from MBE/WBE certified firms. Austin Underground, Inc. submitted the lowest responsive bid of six bids received:

Austin Underground, Inc., Jonestown, TX (MBE/MH)	\$1,512,981.00
Santa Clara Construction, Ltd., Austin, TX (MBE/MH)	\$1,523,154.00
Cash Construction Co., Inc., Pflugerville, TX	\$1,578,392.00
D. Guerra Construction, LLC, Austin, TX (MBE/MH)	\$1,641,654.00
Smith Contracting, Inc., Austin, TX	\$1,864,457.00
Aaron Concrete Contractors, LP, Austin, TX	\$2,194,357.00

The contractor’s choice of work methodology provides for 10 areas of subcontracting opportunities which are listed below. Participation subgoals stated in the solicitation were 2.89% African American; 5.90% Hispanic; 0.92% Native/Asian; 1.37% WBE. Total participation estimated on base bid amount:

**Base Bid: \$ 1,512,981.00**

<b>PRIME</b>	<b>MBE TOTAL</b>	<b>\$ 1,433,081.00</b>	<b>94.72%</b>
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	<b>(MH) Austin Underground, Inc., Jonestown, TX</b>		
<b>MBE TOTALS - SUBCONTRACTORS</b>		<b>\$ 58,000.00</b>	<b>3.83%</b>
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	<i>African American Subtotal</i>	<b>\$ 44,000.00</b>	<b>2.91%</b>
	<b>(MB) Avery's Lawn Care &amp; Landscape, Round Rock, TX</b>	<b>\$ 44,000.00</b>	<b>2.91%</b>
	<i>Native/Asian American Subtotal</i>	<b>\$ 14,000.00</b>	<b>0.93%</b>
	<b>(MA) Benqwest, Austin, TX (fuel</b>	<b>\$ 14,000.00</b>	<b>0.93%</b>
<b>WBE TOTALS - SUBCONTRACTORS</b>		<b>\$ 21,000.00</b>	<b>1.39%</b>
	<b>(FH) Lewis Concrete, Buda, TX</b>	<b>\$ 21,000.00</b>	<b>1.39%</b>
<b>NON MBE/WBE TOTALS - SUBCONTRACTORS</b>		<b>\$ 900.00</b>	<b>0.06%</b>
	<b>W&amp;C Surveying dba Eagle Eye Construction Layout, Leander, TX</b>	<b>\$ 100.00</b>	<b>0.01%</b>
	<b>Austin Underground dba Cubic Concrete, Lago Vista, TX</b>	<b>\$ 100.00</b>	<b>0.01%</b>
	<b>Texas Concrete, Cedar Park, TX</b>	<b>\$ 100.00</b>	<b>0.01%</b>
	<b>Centex Materials, Austin, TX</b>	<b>\$ 100.00</b>	<b>0.01%</b>
	<b>The Asphalt Repair Company, Lago Vista, TX (asphalt paving &amp; Roadway Specialties, Austin, TX</b>	<b>\$ 100.00</b>	<b>0.01%</b>
	<b>Custom Crete, Leander, TX</b>	<b>\$ 100.00</b>	<b>0.01%</b>

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 and third low bidder information is provided.

**SECOND BIDDER** - Santa Clara Construction, Ltd., Austin, TX \$1,523,154.00  
84.55% M/WBE prime participation; 2.89% African American; 0.92% Native/Asian; 1.37% WBE; 10.27% Non  
M/WBE subcontractor participation.

**THIRD BIDDER** - Cash Construction Co., Inc., Pflugerville, TX \$1,578,392.00  
68.28% NON M/WBE prime participation; 2.13% African American; 3.60% Hispanic; 1.68% WBE; 24.31% Non  
M/WBE subcontractor participation.

**CERTIFIED BID TAB**

CITY OF AUSTIN		PROJECT SPONSOR: Austin Water										BID OPENING DATE: 8/29/2019			
BID TABULATION		PROJECT CONSULTANTS: Public Works Engineering Services										TIME: 2:00 p.m.			
		DURATION: 300 Calendar Days										PRICE EXPIRATION: 90 CAL. DAYS			
		PROJECT MANAGER: Tomas Rodriguez										LIQUIDATED DAMAGES: \$510/CAL. DAY			
PROJECT: Carson Creek Basin Wastewater Line Improvements												SUB ID: 0943.034			
BID INVITATION NO: CLMCT57												RESPONSES: 6			
PROJECT NUMBER: 0943												ESTIMATE: \$1,630,000.00			
BIDDERS:		Austin Underground, Inc.		Santa Clara Construction, Ltd.		Cash Construction Company, Inc.		D. Guerra Construction, LLC		Smith Contracting Co., Inc.		Aaron Concrete Contractors, LP			
LOCATION: One Texas Center, 505 Barton Springs Rd., Suite 1045C, Austin, TX															
GUARANTEE: BB = Bid Bond OC = Cashiers Check CTC = Certified Check		BB		BB		BB		BB		BB		BB			
ADDENDA ACKNOWLEDGED (YES, NO, N/A):		N/A		N/A		N/A		N/A		N/A		N/A			
BID ITEM	QTY.	UNIT	ITEM DESCRIPTION	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT		
403S-EA	1	EA	Concrete Repair for Existing Pond Outlet Structure, including Excavation, Shaping, Bedding, Installation, and Backfill, Complete-in-Place	\$ 11,000.00	\$ 11,000.00	\$ 7,500.00	\$ 7,500.00	\$ 5,200.00	\$ 5,200.00	\$ 12,000.00	\$ 12,000.00	\$ 10,000.00	\$ 10,000.00		
403S-SY	17	SY	Concrete Repair for Existing Stormdrain Flume, including Excavation, Shaping, Bedding, and Installation, Complete-in-Place (Paid only when the Work is needed)	\$ 240.00	\$ 4,080.00	\$ 100.00	\$ 1,700.00	\$ 220.00	\$ 3,740.00	\$ 25.00	\$ 425.00	\$ 200.00	\$ 3,400.00		
430S-C	45	LF	P.C. Concrete Curb (Excavation) (Paid only when the Work is needed)	\$ 18.00	\$ 810.00	\$ 50.00	\$ 2,250.00	\$ 50.00	\$ 2,250.00	\$ 45.00	\$ 2,025.00	\$ 40.00	\$ 1,800.00		
501S-30	209	LF	Jack or Boring 30 inch Pipe, Class Steel (Minimum Thickness of 3/8")	\$ 830.00	\$ 173,470.00	\$ 670.00	\$ 140,070.00	\$ 920.00	\$ 192,280.00	\$ 510.00	\$ 106,590.00	\$ 620.00	\$ 131,380.00		
501S-36	316	LF	Jack or Boring 36 inch Pipe, Class Steel (Minimum Thickness of 3/8")	\$ 1,000.00	\$ 316,000.00	\$ 725.00	\$ 228,100.00	\$ 1,050.00	\$ 331,800.00	\$ 565.00	\$ 178,540.00	\$ 930.00	\$ 293,880.00		
505S-A	20	LF	Concrete Encasement for 18" Dia. Pipe	\$ 110.00	\$ 2,200.00	\$ 100.00	\$ 2,000.00	\$ 150.00	\$ 3,000.00	\$ 50.00	\$ 1,000.00	\$ 100.00	\$ 2,000.00		
505S-DWW60	2	EA	Dmp Manhole w/Pre-cast Base, 60" Dia.	\$ 13,000.00	\$ 26,000.00	\$ 11,300.00	\$ 22,600.00	\$ 10,000.00	\$ 20,000.00	\$ 13,025.00	\$ 26,050.00	\$ 10,000.00	\$ 20,000.00		
505S-MW48	1	EA	Standard Pre-Cast Manhole w/Pre-cast Base, 48" Dia.	\$ 6,800.00	\$ 6,800.00	\$ 6,300.00	\$ 6,300.00	\$ 6,000.00	\$ 6,000.00	\$ 7,410.00	\$ 7,410.00	\$ 7,000.00	\$ 7,000.00		
505S-MW65	5	EA	Standard Pre-Cast Manhole w/Pre-cast Base, 60" Dia.	\$ 11,000.00	\$ 55,000.00	\$ 7,800.00	\$ 39,000.00	\$ 9,500.00	\$ 47,500.00	\$ 11,075.00	\$ 55,375.00	\$ 8,500.00	\$ 42,500.00		
505S-MW60	3	EA	Standard Pre-Cast Manhole w/CP Base, 60" Dia.	\$ 9,400.00	\$ 28,200.00	\$ 10,700.00	\$ 32,100.00	\$ 9,200.00	\$ 27,600.00	\$ 10,635.00	\$ 31,905.00	\$ 8,800.00	\$ 26,400.00		
505S-EMW48	2	LVF	Extra Depth of Manhole, 48" Dia.	\$ 540.00	\$ 1,080.00	\$ 410.00	\$ 820.00	\$ 350.00	\$ 700.00	\$ 280.00	\$ 560.00	\$ 1,200.00	\$ 2,400.00		
505S-EMW60	63	LVF	Extra Depth of Manhole, 60" Dia.	\$ 770.00	\$ 48,510.00	\$ 510.00	\$ 32,130.00	\$ 450.00	\$ 28,350.00	\$ 350.00	\$ 22,050.00	\$ 650.00	\$ 40,950.00		
605S-1	2217	LF	Trench Excavation Safety Protective Systems (all depths)	\$ 1.00	\$ 2,217.00	\$ 1.00	\$ 2,217.00	\$ 1.00	\$ 2,217.00	\$ 6.00	\$ 13,302.00	\$ 1.00	\$ 2,217.00		
510-AWW12SDR26	16	LF	Pipe, 12" Dia. PVC SDR 26 Type (all depths), including Excavation and Backfill	\$ 130.00	\$ 2,080.00	\$ 187.00	\$ 2,992.00	\$ 152.00	\$ 2,432.00	\$ 147.00	\$ 2,352.00	\$ 200.00	\$ 3,200.00		
510-AWW15SDR26	63	LF	Pipe, 15" Dia. PVC SDR 26 Type (all depths), including Excavation and Backfill	\$ 140.00	\$ 8,820.00	\$ 209.00	\$ 13,167.00	\$ 110.00	\$ 6,930.00	\$ 150.00	\$ 9,450.00	\$ 230.00	\$ 14,490.00		
510-AWW18PS115	1725	LF	Pipe, 18" Dia. PVC PS 115 Type (all depths), including Excavation and Backfill	\$ 150.00	\$ 258,750.00	\$ 238.00	\$ 410,550.00	\$ 183.00	\$ 315,675.00	\$ 160.00	\$ 276,000.00	\$ 280.00	\$ 483,000.00		
510-AWW24PS115	939	LF	Pipe, 24" Dia. PVC PS 115 Type (all depths), including Excavation and Backfill	\$ 160.00	\$ 150,080.00	\$ 236.00	\$ 221,368.00	\$ 269.00	\$ 252,322.00	\$ 192.00	\$ 180,096.00	\$ 310.00	\$ 290,760.00		
604S-D	11800	SY	Native Seeding for Erosion Control Method, Hydraulic Planting Per Square Yard	\$ 5.00	\$ 59,000.00	\$ 1.00	\$ 11,800.00	\$ 1.00	\$ 11,800.00	\$ 1.25	\$ 14,750.00	\$ 1.75	\$ 20,650.00		
605S-A	142	LF	Soil Retention Blanket Class I, Type A	\$ 1.50	\$ 213.00	\$ 10.00	\$ 1,420.00	\$ 1.50	\$ 213.00	\$ 2.00	\$ 284.00	\$ 2.00	\$ 284.00		
610S-A	3180	EA	Protective Fencing Type A Chain Link fence (Typical Application-high damage potential)	\$ 3.00	\$ 9,540.00	\$ 4.00	\$ 12,720.00	\$ 4.00	\$ 12,720.00	\$ 3.15	\$ 10,017.00	\$ 3.25	\$ 10,335.00		
610S-E	1	EA	Tree Trunk Protection, Wood Planking	\$ 200.00	\$ 200.00	\$ 500.00	\$ 500.00	\$ 100.00	\$ 100.00	\$ 300.00	\$ 300.00	\$ 250.00	\$ 250.00		
610S-R1	20	EA	Removal of Existing Trees (2" to 7.9" Dia.), including Disposal of Existing Trees	\$ 350.00	\$ 7,000.00	\$ 250.00	\$ 5,000.00	\$ 300.00	\$ 6,000.00	\$ 450.00	\$ 9,000.00	\$ 475.00	\$ 9,500.00		
610S-R2	56	EA	Removal of Existing Trees (8" to 18.9" Dia.), including Disposal of Existing Trees	\$ 550.00	\$ 30,800.00	\$ 500.00	\$ 28,000.00	\$ 500.00	\$ 28,000.00	\$ 650.00	\$ 36,400.00	\$ 600.00	\$ 33,600.00		
610S-R3	4	EA	Removal of Existing Trees (19" to 23" Dia.), including Disposal of Existing Trees	\$ 800.00	\$ 3,200.00	\$ 1,000.00	\$ 4,000.00	\$ 1,200.00	\$ 4,800.00	\$ 850.00	\$ 3,400.00	\$ 1,200.00	\$ 4,800.00		
641S	3	EA	Stabilized Construction Entrance	\$ 1,800.00	\$ 5,400.00	\$ 2,000.00	\$ 6,000.00	\$ 2,500.00	\$ 7,500.00	\$ 1,250.00	\$ 3,750.00	\$ 2,000.00	\$ 6,000.00		
648S	3,259	LF	Mulch, Sack	\$ 10.00	\$ 32,590.00	\$ 8.00	\$ 26,040.00	\$ 10.00	\$ 32,590.00	\$ 12.00	\$ 39,060.00	\$ 10.00	\$ 32,590.00		
700S-TM	1	LS	Total Mobilization Payment	\$ 60,000.00	\$ 60,000.00	\$ 61,000.00	\$ 61,000.00	\$ 30,000.00	\$ 30,000.00	\$ 160,000.00	\$ 160,000.00	\$ 70,000.00	\$ 70,000.00		
701S-CS	2	EA	Chain Link Vehicular Single Swing Gate, 6 Foot x 20 Foot (for Staging Area)	\$ 860.00	\$ 1,720.00	\$ 3,900.00	\$ 7,800.00	\$ 450.00	\$ 900.00	\$ 3,500.00	\$ 7,000.00	\$ 3,200.00	\$ 6,400.00		
701S-T	600	LF	Temporary Fence, 6 Foot High, Chain Link Type (for Staging Area)	\$ 10.00	\$ 6,000.00	\$ 10.00	\$ 6,000.00	\$ 4.50	\$ 2,700.00	\$ 15.00	\$ 9,000.00	\$ 4.25	\$ 2,550.00		
802S-B C L P	2	EA	C.I.P. Protect Sign	\$ 600.00	\$ 1,200.00	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,500.00	\$ 3,000.00	\$ 1,400.00	\$ 2,800.00		
803S-MD	9	Per Month	Barricades, Signs, and Traffic Handling	\$ 400.00	\$ 3,600.00	\$ 200.00	\$ 1,800.00	\$ 1,000.00	\$ 9,000.00	\$ 1,000.00	\$ 9,000.00	\$ 1,000.00	\$ 9,000.00		
SP06S-MW48	3	MU	External Waterproofing Manhole Joint, 48-inch Dia.	\$ 620.00	\$ 1,860.00	\$ 250.00	\$ 750.00	\$ 1,500.00	\$ 4,500.00	\$ 515.00	\$ 1,545.00	\$ 200.00	\$ 600.00		
SP06S-MW60	44	MU	External Waterproofing Manhole Joint, 60-inch Dia.	\$ 640.00	\$ 28,160.00	\$ 300.00	\$ 13,200.00	\$ 1,200.00	\$ 52,800.00	\$ 275.00	\$ 12,100.00	\$ 200.00	\$ 8,800.00		
SP06S-MW48	1	EA	Manhole Vent per Special Detail SD-4	\$ 3,400.00	\$ 3,400.00	\$ 3,000.00	\$ 3,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,500.00	\$ 4,500.00	\$ 3,000.00	\$ 3,000.00		
SP10-LWW	5	EA	Cut/Plug Existing Wastewater Line (All Wastewater Line Sizes)	\$ 2,200.00	\$ 11,000.00	\$ 900.00	\$ 4,500.00	\$ 1,000.00	\$ 5,000.00	\$ 2,165.00	\$ 10,825.00	\$ 1,000.00	\$ 5,000.00		
SP10-RWW	39	LF	080537 to Manhole (ID 7235) with 12" Dia. PVC SDR 26, including connection to existing manhole, by-pass pumping, erosion control, excavation and backfill (Paid only when the Work is needed)	\$ 220.00	\$ 8,580.00	\$ 50.00	\$ 1,950.00	\$ 200.00	\$ 7,800.00	\$ 650.00	\$ 25,350.00	\$ 450.00	\$ 17,550.00		
SP604S-OM	1862	SY	Organic Mulch, 12" thick, Complete in Place	\$ 12.00	\$ 22,344.00	\$ 20.00	\$ 37,240.00	\$ 14.00	\$ 26,068.00	\$ 15.00	\$ 27,930.00	\$ 13.00	\$ 24,206.00		
SP704-RR	26	LF	Remove and Reinstall Existing Metal Beam Guard Railing, Complete in Place	\$ 75.00	\$ 3,450.00	\$ 45.00	\$ 2,070.00	\$ 60.00	\$ 2,760.00	\$ 105.00	\$ 4,830.00	\$ 130.00	\$ 5,980.00		
SP803S-WFB	1430	LF	Remove and Reinstall Existing Standard Street End Markers, Complete in Place	\$ 9.50	\$ 13,585.00	\$ 44.00	\$ 62,920.00	\$ 22.00	\$ 31,460.00	\$ 96.00	\$ 137,280.00	\$ 35.00	\$ 50,050.00		
SP924S-RR	3	EA	Remove and Reinstall Existing Standard Street End Markers, Complete in Place	\$ 200.00	\$ 600.00	\$ 500.00	\$ 1,500.00	\$ 1,200.00	\$ 3,600.00	\$ 1,250.00	\$ 3,750.00	\$ 775.00	\$ 2,325.00		
SS164WW-1	1	LS	By-pass Pumping, Complete in Place	\$ 40,000.00	\$ 40,000.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 125,000.00	\$ 125,000.00	\$ 100,000.00	\$ 100,000.00		
SS1650WW-1	181	SF	Timber Misc. Complete-in-Place (for Crossing over Existing Gas Line)	\$ 22.00	\$ 3,982.00	\$ 20.00	\$ 3,620.00	\$ 25.00	\$ 4,525.00	\$ 125.00	\$ 22,625.00	\$ 30.00	\$ 5,430.00		
SS1750WW-1	11	EA	CL-A SUE Test Hole, Complete-in-Place	\$ 4,500.00	\$ 49,500.00	\$ 3,500.00	\$ 38,500.00	\$ 1,300.00	\$ 14,300.00	\$ 1,250.00	\$ 13,750.00	\$ 1,000.00	\$ 11,000.00		
<b>TOTAL BID:</b>				<b>\$ 1,612,981.00</b>	<b>\$ 1,625,164.00</b>	<b>\$ 1,625,164.00</b>	<b>\$ 1,625,164.00</b>	<b>\$ 1,625,164.00</b>	<b>\$ 1,625,164.00</b>	<b>\$ 1,641,654.00</b>	<b>\$ 1,641,654.00</b>	<b>\$ 1,641,654.00</b>	<b>\$ 1,641,654.00</b>		

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

CAPITAL CONTRACTING OFFICE  
CONTRACT PROCUREMENT DIVISION  
CITY OF AUSTIN, TEXAS

# PROJECT LOCATION: CARSON CREEK BASIN WW IMPROVEMENTS

