



9430 Research Blvd.
Suite 1-200
Austin, Texas 78759
Tel: (512) 346-1100

August 26, 2021

Mr. Chris Pousson
CIP Manager
City of Georgetown
300-1 Industrial Ave.
Georgetown, TX 78627

RE: Lake WTP 30-inch Raw Water Line
Recommendation of Award

Dear Mr. Pousson:

The Lake WTP 30-inch Raw Water Line was advertised for public bids on July 28 and August 4, 2021 in the *Williamson County Sun*. Through our office, we provided plans and specifications to seven interested parties, including general contractors, subcontractors, suppliers, and plan rooms.

On August 24, 2021 at 2:00 p.m. bids were received at the Georgetown Municipal Complex, Purchasing Department, at 300-1 Industrial Avenue, Georgetown, Texas 78626 and electronically through the City E-bid system for the construction of the Lake WTP 30-inch Raw Water Line project and then opened and publically read aloud. Of the seven bids received, one bid did not include the required documentation and was considered non-responsive. The names of the responsive bidders and total project base bid amounts are summarized below.

1. Santa Clara Construction	\$1,833,457.00
2. JKB Construction	\$2,011,323.65
3. Austin Underground	\$2,412,779.00
4. Royal Vista, Inc	\$2,576,696.00
5. Austin Engineering Company, Inc	\$2,732,453.00
6. Cash Construction Company	\$3,023,093.00

A bid tabulation of all the bid items is attached. There were two errors on the submitted bid forms. Austin Underground did not provide the correct extended price for line item 20 in the bid form, but the total written at the bottom reflected an extended price of \$40,000 for 4 units at \$10,000 each. JKB Construction had a *figure* total base bid amount of \$2,011,323.65, and a *written* total base bid amount of TWO MILLION ELEVENTHOUSAND, THREEHUNDRED TWENTY THREE THOUSAND dollars and SIXTY FIVE cents. The summation of their extended price bid item amount is equal to the *figure* total base bid amount.





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The low bidder on the project based on the base bid amount is Santa Clara Construction. The total combined project amount of \$1,833,457.00 submitted by Santa Clara Construction was above the engineer's estimate of \$1.7 million for the total combined project. The difference in bid estimates is likely due to volatile market conditions and the dynamic price of metal products such as ductile iron pipe used for this project.

In addition to submitting the bids, each of the bidders submitted a Statement of Bidder's Experience (Section 00400). As listed in Section 00400, Santa Clara Construction successfully completed the City of Georgetown 2019 West Loop Water Line Improvements, Project No. 2JH, and Berry Creek Wastewater Interceptor, Project No. 3CJ. Thus, based on our previous experience with Santa Clara Construction as well as with the City's previous experience with them, we believe that Santa Clara Construction can successfully complete the Lake WTP 30-inch Raw Water Line project as designed and specified. We recommend that the City award the Lake WTP 30-in Raw Water Line project in the amount of \$1,833,457 to Santa Clara Construction.

Sincerely,

A handwritten signature in blue ink, appearing to read "Wendy Lundeen", with a long, sweeping flourish extending to the right.

Wendy Lundeen, PE 127017

Project Manager

CDM Smith Inc.

TBPE Firm Registration No. F-3043

cc: Allen Woelke, PE, CDM Smith
Ana Karamalegos, PE, CDM Smith
Daniel Havins, City of Georgetown

Attachment Enclosed



CITY OF GEORGETOWN
 LAKE WTP
 30-INCH RAW WATER LINE
BID TABULATION
 August 25, 2021

Bidders	Santa Clara Construction	JKB Construction	Austin Underground	Royal Vista, Inc
Attended Non-Mandatory Pre-Bid Meeting	✓			✓
Acknowledged Addenda	✓	✓	✓	✓
Provided Bid Security (5%)	✓	✓	✓	✓
Provided Information from 00400	✓	✓	✓	✓
Total Base Bid Amount	\$ 1,833,457.00	\$ 2,011,323.65	\$ 2,412,779.00	\$ 2,576,696.00

Bidders	Austin Engineering Company, Inc	Cash Construction Company		
Attended Non-Mandatory Pre-Bid Meeting	✓	✓		
Acknowledged Addenda	✓	✓		
Provided Bid Security (5%)	✓	✓		
Provided Information from 00400	✓	✓		
Total Base Bid Amount	\$ 2,732,453.00	\$ 3,023,093.00		

CITY OF GEORGETOWN
 LAKE WTP
 30-INCH RAW WATER LINE
BID TABULATION
 August 25, 2021

Bidders	Santa Clara Construction	JKB Construction	Austin Underground	Royal Vista, Inc	Austin Engineering Company, Inc	Cash Construction Company
Attended non-mandatory Pre-Bid Meeting	✓				✓	✓
Acknowledged all Addenda	✓	✓	✓	✓	✓	✓
Provide Bid Security (5%)	✓	✓	✓	✓	✓	✓
Provide Information from 00400	✓	✓	✓	✓	✓	✓

BASE BID AMOUNT (BASE BID ITEM Nos. 1 - 22)															
Bid Item	Item Description	Estimated Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	Insurance, Bonds and Mobilization/Demobilization Related Expenses not to exceed 5% of Total Bid	1	LS	\$ 90,000.00	\$ 90,000.00	\$ 74,865.00	\$ 74,865.00	\$ 115,000.00	\$ 115,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 120,000.00	\$ 120,000.00
2	Vacuum excavation along existing underground utilities to confirm location prior to excavation including 16-inch and 24-inch water lines, electrical and communication lines.	30	EA	\$ 2,000.00	\$ 60,000.00	\$ 797.75	\$ 23,932.50	\$ 990.00	\$ 29,700.00	\$ 600.00	\$ 18,000.00	\$ 1,500.00	\$ 45,000.00	\$ 800.00	\$ 24,000.00
3	Storm Water Pollution Prevention Plan (SWPPP) and SWPPP Implementation, including installing the stabilized construction entrances, silt fence, mulch sock, tree protection fencing and other required temporary sedimentation and erosion control best management and tree protection practices as required by the drawings and the SWPPP plan, complete in place as detailed and specified, include maintenance and removal.	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 48,306.35	\$ 48,306.35	\$ 38,500.00	\$ 38,500.00	\$ 40,000.00	\$ 40,000.00	\$ 10,000.00	\$ 10,000.00	\$ 40,000.00	\$ 40,000.00
4	Additional Mulch Sock (above that shown on the drawings) installed at the direction of the Engineer and/or Inspector, complete in place as detailed and specified, including maintenance and removal.	250	LF	\$ 10.00	\$ 2,500.00	\$ 11.05	\$ 2,762.50	\$ 9.00	\$ 2,250.00	\$ 11.00	\$ 2,750.00	\$ 8.50	\$ 2,125.00	\$ 7.00	\$ 1,750.00
5	Additional Silt Fence (above that shown on the drawings) installed at the direction of the Engineer and/or Inspector, complete in place as detailed and specified, including maintenance and removal.	250	LF	\$ 5.00	\$ 1,250.00	\$ 3.70	\$ 925.00	\$ 2.50	\$ 625.00	\$ 5.00	\$ 1,250.00	\$ 3.00	\$ 750.00	\$ 2.10	\$ 525.00
6	Tree Protection Fence installed at the direction of the Engineer and/or Inspector, complete in place as detailed and specified, including maintenance and removal.	100	LF	\$ 5.00	\$ 500.00	\$ 4.30	\$ 430.00	\$ 3.25	\$ 325.00	\$ 8.00	\$ 800.00	\$ 3.35	\$ 335.00	\$ 3.00	\$ 300.00
7	Additional Rock Berm (above that shown on the drawings) installed at the direction of the Engineer and/or Inspector, complete in place as detailed and specified, including maintenance and removal.	100	LF	\$ 35.00	\$ 3,500.00	\$ 36.85	\$ 3,685.00	\$ 35.00	\$ 3,500.00	\$ 30.00	\$ 3,000.00	\$ 25.00	\$ 2,500.00	\$ 20.00	\$ 2,000.00
8	Repair of Existing Gravel Roadway and Graveled Areas, including removal and stockpiling of existing materials, excavation, backfill, compaction, grading, replacement, materials, and appurtenances, complete in place as detailed and specified, including maintenance and removal.	4,133	SY	\$ 17.00	\$ 70,261.00	\$ 11.80	\$ 48,769.40	\$ 18.00	\$ 74,394.00	\$ 7.00	\$ 28,931.00	\$ 6.00	\$ 24,798.00	\$ 11.00	\$ 45,463.00
9	Site and Right-of-Way Preparation, non-pavement areas, including clearing, grubbing, and appurtenances, complete in place as detailed and specified.	12,890	SY	\$ 2.00	\$ 25,780.00	\$ 1.85	\$ 23,846.50	\$ 3.50	\$ 45,115.00	\$ 2.00	\$ 25,780.00	\$ 5.00	\$ 64,450.00	\$ 1.50	\$ 19,335.00
10	Furnish and Install Roadway Asphalt Pavement Removal and Replacement, including saw cutting, temporary cold mix patching, subgrade prep, base material (or equal) and hot mix asphaltic concrete, including all appurtenances, complete in place as detailed and specified.	37	SY	\$ 100.00	\$ 3,700.00	\$ 167.25	\$ 6,188.25	\$ 100.00	\$ 3,700.00	\$ 150.00	\$ 5,550.00	\$ 125.00	\$ 4,625.00	\$ 50.00	\$ 1,850.00
11	Iron Pipe Fencing Removal and Replacement, complete in place as detailed and specified.	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 24,545.95	\$ 24,545.95	\$ 2,000.00	\$ 2,000.00	\$ 21,000.00	\$ 21,000.00	\$ 6,100.00	\$ 6,100.00	\$ 20,000.00	\$ 20,000.00
12	Trench Safety Plan and Implementation, as required for all excavations deeper than 5 feet, complete in place as detailed and specified.	3,050	LF	\$ 1.00	\$ 3,050.00	\$ 1.55	\$ 4,727.50	\$ 4.00	\$ 12,200.00	\$ 2.00	\$ 6,100.00	\$ 1.00	\$ 3,050.00	\$ 0.50	\$ 1,525.00
13	Furnish and Install Restrained 30-inch Class 150 Ductile Iron pipe (Open Trench Construction) including fittings, restraints, ROCK excavation, dewatering, bedding, backfill, tracer wire, removal of existing 16-inch water main, temporary support of existing electric conduit , and trench surface restoration complete in place as detailed and specified.	1,536	LF	\$ 388.00	\$ 595,968.00	\$ 342.40	\$ 525,926.40	\$ 330.00	\$ 506,880.00	\$ 355.00	\$ 545,280.00	\$ 380.00	\$ 583,680.00	\$ 420.00	\$ 645,120.00
14	Furnish and Install 30-inch Unrestrained Class 150 Ductile Iron (Open Trench Construction) pipe including fittings, ROCK excavation, dewatering, bedding, backfill, tracer wire, removal of existing 16-inch water main, temporary support of existing electric conduit , and trench surface restoration complete in place as detailed and specified.	1,511	LF	\$ 278.00	\$ 420,058.00	\$ 216.40	\$ 326,980.40	\$ 240.00	\$ 362,640.00	\$ 225.00	\$ 339,975.00	\$ 250.00	\$ 377,750.00	\$ 282.00	\$ 426,102.00
15	Abandon Existing 16-inch watermain by cutting, capping and abandoning in place complete as detailed and specified.	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 18,416.45	\$ 18,416.45	\$ 6,000.00	\$ 6,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 50,000.00	\$ 50,000.00

BASE BID AMOUNT (BASE BID ITEM Nos. 1 - 22)															
16	Remove Existing Communications Line, 2-2-inch conduits, fiberoptic cable, handhole structures, and all appurtenances, complete in place as detailed and specified.	1,500	LF	\$ 5.00	\$ 7,500.00	\$ 12.50	\$ 18,750.00	\$ 60.00	\$ 90,000.00	\$ 62.00	\$ 93,000.00	\$ 65.00	\$ 97,500.00	\$ 250.00	\$ 375,000.00
17	Replace, In-Kind, and put into operation Existing Communications Line including concrete duct bank with 2 – 2-inch Schedule 40 PVC Conduits, Terminations, Connections, and Handhole structures, materials, excavation, and backfill to Connect the Raw Water Pump Station Electrical Building to the Sludge Dewatering Building, including, adjustments, testing and appurtenances, complete in place as detailed and specified.	1,500	LF	\$ 140.00	\$ 210,000.00	\$ 50.65	\$ 75,975.00	\$ 220.00	\$ 330,000.00	\$ 390.00	\$ 585,000.00	\$ 450.00	\$ 675,000.00	\$ 405.00	\$ 607,500.00
18	Furnish and Install Connection to Existing 24-inch Water Line at Existing Raw Water Pump Station, including excavation, removal of existing 16-inch X 24-inch reducer, support of existing 24-inch water line and existing electrical duct bank, installation of 30-inch X 24-inch reducer, tracer wire test station, fittings, adapters, concrete casings and support, cleanup, backfill and all appurtenances, complete in place as detailed and specified.	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 9,377.80	\$ 9,377.80	\$ 18,000.00	\$ 18,000.00	\$ 22,500.00	\$ 22,500.00	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00
19	Furnish and Install Connection to Existing 30-inch Water Line at Existing Water Treatment Plant, including excavation, removal of Existing 30-inch X 16-inch Reducer, Removal of existing 16-inch gate valve and 16-inch water line, installation of 30-inch Class 150 , Ductile Iron Pipe, restraints tracer wire test station, fittings, adapters, concrete encasement, cleanup, backfill and all appurtenances, complete in place as detailed and specified.	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 24,325.00	\$ 24,325.00	\$ 40,000.00	\$ 40,000.00	\$ 30,000.00	\$ 30,000.00	\$ 25,000.00	\$ 25,000.00	\$ 20,000.00	\$ 20,000.00
20	Furnish and Install 2- 2-Inch Non-Slam Combination Air Vacuum Valves (CAV), in existing valve vault, including, piping, fittings, air piping extensions, pipe supports, appurtenances, and removal of the existing 3-inch and 4-inch CAVs, complete in place as detailed and specified.	4	EA	\$ 3,000.00	\$ 12,000.00	\$ 7,597.00	\$ 30,388.00	\$ 10,000.00	\$ 40,000.00	\$ 5,000.00	\$ 20,000.00	\$ 4,800.00	\$ 19,200.00	\$ 3,500.00	\$ 14,000.00
21	Furnish and install connection between proposed 30-inch watermain and existing 3-inch HPA line including: 30in X 3" Stainless Steel Tapping Sleeve with stainless steel flange (JCM 452 or approved equal), 90 deg elbow, 3-inch gate valve, restraints, 3-inch DI pipe, removal of existing 16-inch piping, 3-inch valve, fittings, and piping, cleanup, bedding, backfill and all appurtenances, complete in place as detailed and specified.	4	EA	\$ 8,000.00	\$ 32,000.00	\$ 7,412.90	\$ 29,651.60	\$ 8,500.00	\$ 34,000.00	\$ 14,000.00	\$ 56,000.00	\$ 6,500.00	\$ 26,000.00	\$ 9,000.00	\$ 36,000.00
22	Furnish and Install Direct Bury 30-Inch Butterfly Valve with Tracer Wire Test Station, including excavation, piping, connections, adapters, restraints, backfill, tracer wire, concrete cradle and appurtenances, complete in place as detailed and specified.	1	EA	\$ 30,000.00	\$ 30,000.00	\$ 22,389.55	\$ 22,389.55	\$ 27,000.00	\$ 27,000.00	\$ 31,000.00	\$ 31,000.00	\$ 32,000.00	\$ 32,000.00	\$ 32,000.00	\$ 32,000.00
23	Pressure and Leak Testing of Raw Water Pipelines, complete in place as detailed and specified.	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 6,136.50	\$ 6,136.50	\$ 11,000.00	\$ 11,000.00	\$ 15,000.00	\$ 15,000.00	\$ 1,700.00	\$ 1,700.00	\$ 4,000.00	\$ 4,000.00
24	Flushing of Raw Water Pipelines, complete in place as detailed and specified.	1	LS	\$ 22,000.00	\$ 22,000.00	\$ 6,136.50	\$ 6,136.50	\$ 7,500.00	\$ 7,500.00	\$ 25,000.00	\$ 25,000.00	\$ 16,500.00	\$ 16,500.00	\$ 5,000.00	\$ 5,000.00
25	Provide Re-vegetation, complete in place as detailed and specified.	12,890	SY	\$ 1.00	\$ 12,890.00	\$ 1.95	\$ 25,135.50	\$ 5.00	\$ 64,450.00	\$ 2.00	\$ 25,780.00	\$ 1.00	\$ 12,890.00	\$ 0.70	\$ 9,023.00
26	Contractor to perform tree and brush clearing of dead cedar as required by USACE in Mitigation Survey area using hydro-ax or equivalent equipment complete in place with mulching.	10	acre	\$ 2,250.00	\$ 22,500.00	\$ 3,375.10	\$ 33,751.00	\$ 3,300.00	\$ 33,000.00	\$ 5,000.00	\$ 50,000.00	\$ 4,800.00	\$ 48,000.00	\$ 3,900.00	\$ 39,000.00
27	Allowance to be used for additional site improvements, landscaping and miscellaneous modifications.	1	LS	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00
28	Allowance for Contractor to secure the services of construction materials testing lab to provide testing and laboratory services for the project.	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
29	Replace, In-Kind, and put into operation all Fiber-Optic Cabling required to replace and re-establish the communications line from the Raw Water Pump Station Electrical Building to the Sludge Dewatering Building, including; any patch panels, adaptor plates, splicing and fan out kits, terminations, connectors, adjustments, field verification of existing duct bank and conduit routing, acceptance testing and appurtenances, complete in place as detailed and specified.	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 500,000.00	\$ 500,000.00	\$ 420,000.00	\$ 420,000.00	\$ 370,000.00	\$ 370,000.00	\$ 418,500.00	\$ 418,500.00	\$ 373,600.00	\$ 373,600.00
Total Base Bid (Item Nos. 1-29)		-		\$ 1,833,457.00		\$ 2,011,323.65		\$ 2,412,779.00		\$ 2,576,696.00		\$ 2,732,453.00		\$ 3,023,093.00	