



January 8, 2024

Mr. Jaime Dino
Project Manager
City of League City
300 W. Walker St.
League City, Texas 77573

Re: **Letter of Recommendation for 2023 Water Line Replacement Project**
CIP No. WT 1904 F
Bid No. 24-003
ARKK Job No. 22-032

Dear Mr. Dino:

On December 13, 2023, the City of League City received eleven (11) bids for the above referenced project. The project involves the replacement of approximately 23,000 L.F. of 6-8" diameter water line by open cut/trenchless construction in Pecan Forest, Highland Terrace, Clear Creek Heights subdivisions along with Bern, Boden & Abilene Street. The project also includes replacement of branching lines, fire hydrants, valves, and service lines.

The project was bid with a base bid and one (1) Add Alternate. Add Alternate No. 1 included the water line replacement on Bern Street, Boden Street, and Abilene Street. Based on input received from City Staff, Add Alternate No. 1 was considered for award.

Our review of the bid tabulation confirms that **McKinney Construction, Inc.** is the low bidder after considering the number of calendar days in the A+B bidding formula.

The bids were checked for mathematical errors and/or bid irregularities. A copy of the bid tabulation is attached. Please note that our evaluation of the bids does not include an evaluation of the other bid documents (insurance, financial statements, bid bonds, etc.)

The bids for this project are as follows:

<u>Bidder</u>	<u>Total Bid (Base Bid + Add Alternate No. 1)</u>	<u>Total Calendar Days Bid</u>
McKinney Construction, Inc.	\$2,653,535.00	300
Faith Utilities, LLC.	\$2,840,450.00	363
Lopez Utilities Contractor, LLC.	\$2,964,405.00	370
Scohil Construction Services, LLC.	\$3,097,350.00	330
Texkota Enterprise, LLC.	\$3,271,565.00	300
Underground Construction Solutions, LLC.	\$3,102,500.00	420
Branch Construction Group, LLC.	\$3,295,810.00	310
Resicom, Inc.	\$3,416,623.00	270
Aranda Industries, LLC.	\$3,429,565.00	285
V&S Construction Company	\$3,529,210.00	230
On Par Civil Services, LLC.	\$3,839,620.00	210


McKinney Construction, Inc. has previously completed a water line replacement for the City of League City (2019 Water Line Improvements Project (WT 1904) Phase I – Glen Cove), and they completed the work in a satisfactory manner. McKinney Construction has also performed this type of work successfully for other municipalities in the greater Houston area. ARKK's staff also contacted McKinney Construction and were informed that they fully understand the scope of the project and have qualified personnel and experience to complete the work successfully within the allocated contract time.

McKinney Construction, Inc. appears to be a responsible firm that is capable of performing the specified work in a satisfactory manner. For these reasons, we recommend that the City of League City award the **2023 Water Line Replacement Project to McKinney Construction, Inc.** for a total of **\$2,653,535.00**.

If you have any questions, please contact me.

Sincerely,

ARKK ENGINEERS, LLC



Madhu Kilambi, P.E.

Senior Project Manager/Principal

CC: Mr. Jody Hooks – City of League City

2023 Water Line Replacement Project
Pecan Forest, Highland Terrace, Clear Creek
Heights, Boden Bern Streets (WT 1904 F)
Bid No. 24-003

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN.	LOW BIDDER											
				Engineer's Estimate		McKinney Construction, Inc.		Faith Utilities, LLC.		Lopez Utilities Contractor, LLC.		Schoil Construction Services, LLC.			
				Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price		
(A) General Bid Items:															
1	Mobilization (Not to Exceed 4% of Bid), Complete in Place, the Sum of:	LS	1	\$ 110,000.00	\$ 110,000.00	\$ 80,000.00	\$ 80,000.00	\$ 100,000.00	\$ 100,000.00	\$ 90,000.00	\$ 90,000.00	\$ 120,000.00	\$ 120,000.00		
2	Traffic Control and Regulation, Complete in Place, the Sum of:	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 12,000.00	\$ 12,000.00	\$ 22,000.00	\$ 22,000.00	\$ 8,000.00	\$ 8,000.00		
3	Tree and Plant Protection (Including Pruning, Fencing and Tree Removal), Complete in Place, the Sum of:	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ 9,000.00	\$ 18,000.00	\$ 18,000.00	\$ 5,000.00	\$ 5,000.00		
4	Critical Investigation Work, Including Locating Existing Water Line and Underground Utilities as Needed to Facilitate the Proposed Water Line Installation, Complete in Place, the Sum of:	LS	1	\$ 18,000.00	\$ 18,000.00	\$ 20,000.00	\$ 20,000.00	\$ 12,000.00	\$ 12,000.00	\$ 8,000.00	\$ 8,000.00	\$ 4,000.00	\$ 4,000.00		
5	Site Restoration, Including Pavement Repairs and Pavement Marking Replacement, Complete in Place, the Sum of:	LF	21100	\$ 8.00	\$ 168,800.00	\$ 3.00	\$ 63,300.00	\$ 1.50	\$ 31,650.00	\$ 7.00	\$ 147,700.00	\$ 5.00	\$ 105,500.00		
6	Miscellaneous Allowance as Approved by the City (Fixed Amount of \$50,000):	CA	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00		
TOTAL (A) GENERAL BID ITEMS:				\$ 401,800.00	\$ 401,800.00	\$ 253,300.00	\$ 253,300.00	\$ 214,650.00	\$ 214,650.00	\$ 335,700.00	\$ 335,700.00	\$ 292,500.00	\$ 292,500.00		
(B) CLEAR CREEK HEIGHTS SUBDIVISION BID ITEMS:															
7	6" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	70	\$ 50.00	\$ 3,500.00	\$ 35.00	\$ 2,450.00	\$ 45.00	\$ 3,150.00	\$ 39.00	\$ 2,730.00	\$ 60.00	\$ 4,200.00		
8	8" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	6860	\$ 60.00	\$ 411,600.00	\$ 48.00	\$ 329,280.00	\$ 50.00	\$ 343,000.00	\$ 54.00	\$ 370,440.00	\$ 68.00	\$ 466,480.00		
9	8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	380	\$ 70.00	\$ 26,600.00	\$ 75.00	\$ 28,500.00	\$ 56.00	\$ 21,280.00	\$ 70.00	\$ 26,600.00	\$ 78.00	\$ 29,640.00		
10	Bored 14"/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	80	\$ 215.00	\$ 17,200.00	\$ 195.00	\$ 15,600.00	\$ 175.00	\$ 14,000.00	\$ 220.00	\$ 17,600.00	\$ 175.00	\$ 14,000.00		
11	6" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	1	\$ 1,625.00	\$ 1,625.00	\$ 1,500.00	\$ 1,500.00	\$ 1,800.00	\$ 1,800.00	\$ 1,700.00	\$ 1,700.00	\$ 1,250.00	\$ 1,250.00		
12	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	15	\$ 2,500.00	\$ 37,500.00	\$ 2,300.00	\$ 34,500.00	\$ 2,200.00	\$ 33,000.00	\$ 2,050.00	\$ 30,750.00	\$ 1,850.00	\$ 27,750.00		
13	8"x8" Tapping Sleeve and Valves, Complete in Place, the Sum of:	EA	6	\$ 6,500.00	\$ 39,000.00	\$ 5,500.00	\$ 33,000.00	\$ 5,000.00	\$ 30,000.00	\$ 5,200.00	\$ 31,200.00	\$ 5,650.00	\$ 33,900.00		
14	Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	19	\$ 5,400.00	\$ 102,600.00	\$ 5,500.00	\$ 104,500.00	\$ 6,000.00	\$ 114,000.00	\$ 5,900.00	\$ 112,100.00	\$ 5,280.00	\$ 100,320.00		
15	(Red) Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	1	\$ 5,400.00	\$ 5,400.00	\$ 6,500.00	\$ 6,500.00	\$ 5,600.00	\$ 5,600.00	\$ 5,800.00	\$ 5,800.00	\$ 5,350.00	\$ 5,350.00		
16	Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA	6	\$ 800.00	\$ 4,800.00	\$ 150.00	\$ 900.00	\$ 400.00	\$ 2,400.00	\$ 850.00	\$ 5,100.00	\$ 450.00	\$ 2,700.00		
17	Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill, Complete in Place, the Sum of:	EA	8	\$ 600.00	\$ 4,800.00	\$ 150.00	\$ 1,200.00	\$ 400.00	\$ 3,200.00	\$ 750.00	\$ 6,000.00	\$ 150.00	\$ 1,200.00		
18	1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	65	\$ 525.00	\$ 34,125.00	\$ 550.00	\$ 35,750.00	\$ 1,100.00	\$ 71,500.00	\$ 600.00	\$ 39,000.00	\$ 450.00	\$ 29,250.00		
19	1" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	75	\$ 599.00	\$ 44,925.00	\$ 650.00	\$ 48,750.00	\$ 1,200.00	\$ 90,000.00	\$ 850.00	\$ 63,750.00	\$ 980.00	\$ 73,500.00		
20	4" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	6	\$ 650.00	\$ 3,900.00	\$ 500.00	\$ 3,000.00	\$ 650.00	\$ 3,900.00	\$ 700.00	\$ 4,200.00	\$ 450.00	\$ 2,700.00		
21	8" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	5	\$ 850.00	\$ 4,250.00	\$ 500.00	\$ 2,500.00	\$ 700.00	\$ 3,500.00	\$ 750.00	\$ 3,750.00	\$ 850.00	\$ 4,250.00		
22	Removal and Replacement of Existing Pavement, Complete in Place, the Sum of:	SY	90	\$ 130.00	\$ 11,700.00	\$ 95.00	\$ 8,550.00	\$ 100.00	\$ 9,000.00	\$ 90.00	\$ 8,100.00	\$ 72.00	\$ 6,480.00		
23	Trench Safety System for all Water Mains, Complete in Place, the Sum of:	LF	1500	\$ 1.00	\$ 1,500.00	\$ 0.01	\$ 15.00	\$ 1.50	\$ 2,250.00	\$ 2.00	\$ 3,000.00	\$ 1.00	\$ 1,500.00		
TOTAL (B) CLEAR CREEK HEIGHTS SUBDIVISION BID ITEMS:				\$ 755,025.00	\$ 755,025.00	\$ 656,495.00	\$ 656,495.00	\$ 751,580.00	\$ 751,580.00	\$ 731,820.00	\$ 731,820.00	\$ 804,470.00	\$ 804,470.00		
(C) HIGHLAND TERRACE SUBDIVISION BID ITEMS:															
24	6" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	20	\$ 50.00	\$ 1,000.00	\$ 35.00	\$ 700.00	\$ 75.00	\$ 1,500.00	\$ 39.00	\$ 780.00	\$ 60.00	\$ 1,200.00		
25	8" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	4240	\$ 60.00	\$ 254,400.00	\$ 48.00	\$ 203,520.00	\$ 50.00	\$ 212,000.00	\$ 54.00	\$ 228,960.00	\$ 68.00	\$ 288,320.00		
26	8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	260	\$ 70.00	\$ 18,200.00	\$ 75.00	\$ 19,500.00	\$ 65.00	\$ 16,900.00	\$ 70.00	\$ 18,200.00	\$ 78.00	\$ 20,280.00		
27	Bored 14"/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	200	\$ 215.00	\$ 43,000.00	\$ 195.00	\$ 39,000.00	\$ 160.00	\$ 32,000.00	\$ 220.00	\$ 44,000.00	\$ 175.00	\$ 35,000.00		
28	Bored 14"/16" Steel Casing with 8" Certa-Lok (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	70	\$ 230.00	\$ 16,100.00	\$ 195.00	\$ 13,650.00	\$ 170.00	\$ 11,900.00	\$ 250.00	\$ 17,500.00	\$ 215.00	\$ 15,050.00		
29	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	11	\$ 2,200.00	\$ 24,200.00	\$ 2,500.00	\$ 27,500.00	\$ 2,100.00	\$ 23,100.00	\$ 2,050.00	\$ 22,550.00	\$ 1,850.00	\$ 20,350.00		
30	Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	10	\$ 5,400.00	\$ 54,000.00	\$ 5,500.00	\$ 55,000.00	\$ 6,000.00	\$ 60,000.00	\$ 5,900.00	\$ 59,000.00	\$ 5,280.00	\$ 52,800.00		
31	Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA	5	\$ 800.00	\$ 4,000.00	\$ 150.00	\$ 750.00	\$ 400.00	\$ 2,000.00	\$ 850.00	\$ 4,250.00	\$ 450.00	\$ 2,250.00		
32	Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill, Complete in Place, the Sum of:	EA	3	\$ 600.00	\$ 1,800.00	\$ 150.00	\$ 450.00	\$ 400.00	\$ 1,200.00	\$ 750.00	\$ 2,250.00	\$ 150.00	\$ 450.00		
33	1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	32	\$ 600.00	\$ 19,200.00	\$ 550.00	\$ 17,600.00	\$ 1,100.00	\$ 35,200.00	\$ 600.00	\$ 19,200.00	\$ 450.00	\$ 14,400.00		
34	1" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	32	\$ 750.00	\$ 24,000.00	\$ 750.00	\$ 24,000.00	\$ 1,200.00	\$ 38,400.00	\$ 850.00	\$ 27,200.00	\$ 980.00	\$ 31,360.00		
35	6" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	3	\$ 850.00	\$ 2,550.00	\$ 500.00	\$ 1,500.00	\$ 700.00	\$ 2,100.00	\$ 750.00	\$ 2,250.00	\$ 850.00	\$ 2,550.00		
36	8" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	3	\$ 975.00	\$ 2,925.00	\$ 800.00	\$ 2,400.00	\$ 750.00	\$ 2,250.00	\$ 975.00	\$ 2,925.00	\$ 1,250.00	\$ 3,750.00		
37	6" Wet Connection, Complete in Place, the Sum of:	EA	2	\$ 2,800.00	\$ 5,600.00	\$ 1,200.00	\$ 2,400.00	\$ 850.00	\$ 1,700.00	\$ 2,200.00	\$ 4,400.00	\$ 950.00	\$ 1,900.00		
38	8" Wet Connection, Complete in Place, the Sum of:	EA	3	\$ 3,200.00	\$ 9,600.00	\$ 1,800.00	\$ 5,400.00	\$ 1,000.00	\$ 3,000.00	\$ 2,800.00	\$ 8,400.00	\$ 1,550.00	\$ 4,650.00		
39	Removal and Replacement of Existing Pavement, Complete in Place, the Sum of:	SY	360	\$ 130.00	\$ 46,800.00	\$ 95.00	\$ 34,200.00	\$ 100.00	\$ 36,000.00	\$ 90.00	\$ 32,400.00	\$ 72.00	\$ 25,920.00		
40	Trench Safety System for all Water Mains, Complete in Place, the Sum of:	LF	1500	\$ 1.00	\$ 1,500.00	\$ 0.01	\$ 15.00	\$ 1.50	\$ 2,250.00	\$ 2.00	\$ 3,000.00	\$ 1.00	\$ 1,500.00		
TOTAL (C) HIGHLAND TERRACE SUBDIVISION BID ITEMS:				\$ 528,875.00	\$ 528,875.00	\$ 447,585.00	\$ 447,585.00	\$ 481,580.00	\$ 481,580.00	\$ 497,265.00	\$ 497,265.00	\$ 521,730.00	\$ 521,730.00		
(D) PECAN FOREST SUBDIVISION BID ITEMS:															
41	2" PVC Class 200 Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	20	\$ 40.00	\$ 800.00	\$ 25.00	\$ 500.00	\$ 65.00	\$ 1,300.00	\$ 35.00	\$ 700.00	\$ 25.00	\$ 500.00		
42	6" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	1930	\$ 50.00	\$ 96,500.00	\$ 35.00	\$ 67,550.00	\$ 43.00	\$ 82,990.00	\$ 39.00	\$ 75,270.00	\$ 60.00	\$ 115,800.00		
43	Bored 14"/16" Steel Casing with 6" PVC C-900 (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	60	\$ 200.00	\$ 12,000.00	\$ 195.00	\$ 11,700.00	\$ 150.00	\$ 9,000.00	\$ 220.00	\$ 13,200.00	\$ 175.00	\$ 10,500.00		
44	Bored 14"/16" Steel Casing with 6" Certa-Lok (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	100	\$ 215.00	\$ 21,500.00	\$ 195.00	\$ 19,500.00	\$ 160.00	\$ 16,000.00	\$ 250.00	\$ 25,000.00	\$ 185.00	\$ 18,500.00		
45	8" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	6470	\$ 60.00	\$ 388,200.00	\$ 48.00	\$ 310,560.00	\$ 50.00	\$ 323,500.00	\$ 54.00	\$ 349,380.00	\$ 68.00	\$ 439,960.00		
46	8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	690	\$ 70.00	\$ 48,300.00	\$ 90.00	\$ 62,100.00	\$ 56.00	\$ 38,640.00	\$ 70.00	\$ 48,300.00	\$ 78.00	\$ 53,820.00		
47	Bored 14"/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	60	\$ 215.00	\$ 12,900.00	\$ 195.00	\$ 11,700.00	\$ 160.00	\$ 9,600.00	\$ 220.00	\$ 13,200.00	\$ 175.00	\$ 10,500.00		
48	Bored 14"/16" Steel Casing with 8" Certa-Lok (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	190	\$ 230.00	\$ 43,700.00	\$ 195.00	\$ 37,050.00	\$ 170.00	\$ 32,300.00	\$ 250.00	\$ 47,500.00	\$ 195.00	\$ 37,050.00		
49	6" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	10	\$ 1,625.00	\$ 16,250.00	\$ 1,200.00	\$ 12,000.00	\$ 1,600.00	\$ 16,000.00	\$ 1,700.00	\$ 17,000.00	\$ 1,250.00	\$ 12,500.00		
50	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	39	\$ 2,500.00	\$ 97,500.00	\$ 2,500.00	\$ 97,500.00	\$ 2,100.00	\$ 81,900.00	\$ 2,050.00	\$ 79,950.00	\$ 1,850.00	\$ 72,150.00		
51	8"x8" Tapping Sleeve and Valves, Complete in Place, the Sum of:	EA	1	\$ 6,900.00	\$ 6,900.00	\$ 5,500.00	\$ 5,500.00	\$ 5,000.00	\$ 5,000.00	\$ 5,200.00	\$ 5,200.00	\$ 5,650.00	\$ 5,650.00		
52	Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	17	\$ 5,400.00	\$ 91,800.00	\$ 5,500.00	\$ 93,500.00	\$ 5,800.00	\$ 98,600.00	\$ 5,900.00	\$ 100,300.00	\$ 5,280.00	\$ 89,760.00		
53	(Red) Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	5	\$ 5,400.00	\$ 27,000.00	\$ 7,500.00	\$ 37,500.00	\$ 7,300.00	\$ 36,500.00	\$ 5,800.00	\$ 29,000.00	\$ 5,480.00			

2023 Water Line Replacement Project
Pecan Forest, Highland Terrace, Clear Creek
Heights, Boden Bern Streets (WT 1904 F)
Bid No. 24-003

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN	Textkota Enterprises, LLC.		Underground Construction Solutions, LLC.		Branch Construction Group, LLC.		Resicom, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
(A) General Bid Items:											
1	Mobilization (Not to Exceed 4% of Bid), Complete in Place, the Sum of:	LS	1	\$ 60,000.00	\$ 60,000.00	\$ 90,000.00	\$ 90,000.00	\$ 60,000.00	\$ 60,000.00	\$ 99,000.00	\$ 99,000.00
2	Traffic Control and Regulation, Complete in Place, the Sum of:	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00	\$ 22,000.00	\$ 22,000.00	\$ 100,000.00	\$ 100,000.00
3	Tree and Plant Protection (Including Pruning, Fencing and Tree Removal), Complete in Place, the Sum of:	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,000.00	\$ 2,000.00	\$ 15,000.00	\$ 15,000.00
4	Critical Investigation Work, Including Locating Existing Water Line and Underground Utilities as Needed to Facilitate the Proposed Water Line Installation, Complete in Place, the Sum of:	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
5	Site Restoration, Including Pavement Repairs and Pavement Marking Replacement, Complete in Place, the Sum of:	LF	21100	\$ 5.00	\$ 105,500.00	\$ 5.00	\$ 105,500.00	\$ 5.00	\$ 105,500.00	\$ 5.00	\$ 105,500.00
6	Miscellaneous Allowance as Approved by the City (Fixed Amount of \$50,000):	CA	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
TOTAL (A) GENERAL BID ITEMS:				\$ 250,500.00	\$ 250,500.00	\$ 263,000.00	\$ 263,000.00	\$ 244,500.00	\$ 244,500.00	\$ 374,500.00	\$ 374,500.00
(B) CLEAR CREEK HEIGHTS SUBDIVISION BID ITEMS:											
7	6" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	70	\$ 54.00	\$ 3,780.00	\$ 50.00	\$ 3,500.00	\$ 59.00	\$ 4,130.00	\$ 48.00	\$ 3,360.00
8	8" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	6860	\$ 70.00	\$ 480,200.00	\$ 60.00	\$ 411,600.00	\$ 65.00	\$ 445,900.00	\$ 60.50	\$ 415,030.00
9	8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	380	\$ 77.00	\$ 29,260.00	\$ 60.00	\$ 22,800.00	\$ 75.00	\$ 28,500.00	\$ 73.00	\$ 27,740.00
10	Bored 14"/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	80	\$ 162.00	\$ 12,960.00	\$ 220.00	\$ 17,600.00	\$ 250.00	\$ 20,000.00	\$ 235.00	\$ 18,800.00
11	6" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	1	\$ 1,250.00	\$ 1,250.00	\$ 1,500.00	\$ 1,500.00	\$ 2,200.00	\$ 2,200.00	\$ 1,400.00	\$ 1,400.00
12	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	15	\$ 1,850.00	\$ 27,750.00	\$ 1,700.00	\$ 25,500.00	\$ 2,400.00	\$ 36,000.00	\$ 2,030.00	\$ 30,450.00
13	8"x8" Tapping Sleeve and Valves, Complete in Place, the Sum of:	EA	6	\$ 11,000.00	\$ 66,000.00	\$ 5,500.00	\$ 33,000.00	\$ 7,200.00	\$ 43,200.00	\$ 11,500.00	\$ 69,000.00
14	Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	19	\$ 6,300.00	\$ 119,700.00	\$ 6,000.00	\$ 114,000.00	\$ 6,700.00	\$ 127,300.00	\$ 6,514.00	\$ 123,766.00
15	(Red) Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	1	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,700.00	\$ 6,700.00	\$ 6,600.00	\$ 6,600.00
16	Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA	6	\$ 300.00	\$ 1,800.00	\$ 250.00	\$ 1,500.00	\$ 500.00	\$ 3,000.00	\$ 300.00	\$ 1,800.00
17	Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill, Complete in Place, the Sum of:	EA	8	\$ 100.00	\$ 800.00	\$ 50.00	\$ 400.00	\$ 300.00	\$ 2,400.00	\$ 200.00	\$ 1,600.00
18	1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	65	\$ 800.00	\$ 52,000.00	\$ 1,000.00	\$ 65,000.00	\$ 850.00	\$ 55,250.00	\$ 746.00	\$ 48,490.00
19	1" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	75	\$ 950.00	\$ 71,250.00	\$ 1,500.00	\$ 112,500.00	\$ 1,000.00	\$ 75,000.00	\$ 1,290.00	\$ 96,750.00
20	4" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	6	\$ 950.00	\$ 5,700.00	\$ 1,000.00	\$ 6,000.00	\$ 500.00	\$ 3,000.00	\$ 500.00	\$ 3,000.00
21	6" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	5	\$ 1,150.00	\$ 5,750.00	\$ 1,500.00	\$ 7,500.00	\$ 600.00	\$ 3,000.00	\$ 700.00	\$ 3,500.00
22	Removal and Replacement of Existing Pavement, Complete in Place, the Sum of:	SY	90	\$ 120.00	\$ 10,800.00	\$ 50.00	\$ 4,500.00	\$ 90.00	\$ 8,100.00	\$ 125.00	\$ 11,250.00
23	Trench Safety System for all Water Mains, Complete in Place, the Sum of:	LF	1500	\$ 0.01	\$ 15.00	\$ 1.00	\$ 1,500.00	\$ 1.00	\$ 1,500.00	\$ 5.00	\$ 7,500.00
TOTAL (B) CLEAR CREEK HEIGHTS SUBDIVISION BID ITEMS:				\$ 895,015.00	\$ 895,015.00	\$ 834,400.00	\$ 834,400.00	\$ 865,180.00	\$ 865,180.00	\$ 870,036.00	\$ 870,036.00
(C) HIGHLAND TERRACE SUBDIVISION BID ITEMS:											
24	6" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	20	\$ 90.00	\$ 1,800.00	\$ 50.00	\$ 1,000.00	\$ 59.00	\$ 1,180.00	\$ 102.00	\$ 2,040.00
25	8" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	4240	\$ 70.00	\$ 296,800.00	\$ 60.00	\$ 254,400.00	\$ 65.00	\$ 275,600.00	\$ 63.00	\$ 267,120.00
26	8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	260	\$ 77.00	\$ 20,020.00	\$ 60.00	\$ 15,600.00	\$ 75.00	\$ 19,500.00	\$ 79.00	\$ 20,540.00
27	Bored 14"/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	200	\$ 162.00	\$ 32,400.00	\$ 220.00	\$ 44,000.00	\$ 250.00	\$ 50,000.00	\$ 235.00	\$ 47,000.00
28	Bored 14"/16" Steel Casing with 8" Certa-Lok (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	70	\$ 162.00	\$ 11,340.00	\$ 220.00	\$ 15,400.00	\$ 260.00	\$ 18,200.00	\$ 240.00	\$ 16,800.00
29	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	11	\$ 1,850.00	\$ 20,350.00	\$ 1,700.00	\$ 18,700.00	\$ 2,400.00	\$ 26,400.00	\$ 2,030.00	\$ 22,330.00
30	Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	10	\$ 6,300.00	\$ 63,000.00	\$ 6,000.00	\$ 60,000.00	\$ 6,700.00	\$ 67,000.00	\$ 6,514.00	\$ 65,140.00
31	Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA	5	\$ 300.00	\$ 1,500.00	\$ 250.00	\$ 1,250.00	\$ 500.00	\$ 2,500.00	\$ 300.00	\$ 1,500.00
32	Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill, Complete in Place, the Sum of:	EA	3	\$ 100.00	\$ 300.00	\$ 50.00	\$ 150.00	\$ 300.00	\$ 900.00	\$ 200.00	\$ 600.00
33	1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	32	\$ 800.00	\$ 25,600.00	\$ 1,000.00	\$ 32,000.00	\$ 850.00	\$ 27,200.00	\$ 746.00	\$ 23,872.00
34	1" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	32	\$ 950.00	\$ 30,400.00	\$ 1,500.00	\$ 48,000.00	\$ 1,000.00	\$ 32,000.00	\$ 1,290.00	\$ 41,280.00
35	6" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	3	\$ 1,150.00	\$ 3,450.00	\$ 1,500.00	\$ 4,500.00	\$ 600.00	\$ 1,800.00	\$ 700.00	\$ 2,100.00
36	8" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	3	\$ 1,200.00	\$ 3,600.00	\$ 1,500.00	\$ 4,500.00	\$ 800.00	\$ 2,400.00	\$ 850.00	\$ 2,550.00
37	6" Wet Connection, Complete in Place, the Sum of:	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 1,500.00	\$ 3,000.00	\$ 700.00	\$ 1,400.00	\$ 1,900.00	\$ 3,800.00
38	8" Wet Connection, Complete in Place, the Sum of:	EA	3	\$ 1,500.00	\$ 4,500.00	\$ 1,500.00	\$ 4,500.00	\$ 900.00	\$ 2,700.00	\$ 2,073.00	\$ 6,219.00
39	Removal and Replacement of Existing Pavement, Complete in Place, the Sum of:	SY	360	\$ 120.00	\$ 43,200.00	\$ 50.00	\$ 18,000.00	\$ 90.00	\$ 32,400.00	\$ 125.00	\$ 45,000.00
40	Trench Safety System for all Water Mains, Complete in Place, the Sum of:	LF	1500	\$ 0.01	\$ 15.00	\$ 1.00	\$ 1,500.00	\$ 1.00	\$ 1,500.00	\$ 5.00	\$ 7,500.00
TOTAL (C) HIGHLAND TERRACE SUBDIVISION BID ITEMS:				\$ 561,275.00	\$ 561,275.00	\$ 526,500.00	\$ 526,500.00	\$ 562,680.00	\$ 562,680.00	\$ 575,391.00	\$ 575,391.00
(D) PECAN FOREST SUBDIVISION BID ITEMS:											
41	2" PVC Class 200 Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	20	\$ 20.00	\$ 400.00	\$ 20.00	\$ 400.00	\$ 50.00	\$ 1,000.00	\$ 25.00	\$ 500.00
42	6" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	1930	\$ 58.00	\$ 111,940.00	\$ 50.00	\$ 96,500.00	\$ 59.00	\$ 113,870.00	\$ 51.00	\$ 98,430.00
43	Bored 14"/16" Steel Casing with 6" PVC C-900 (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	60	\$ 150.00	\$ 9,000.00	\$ 220.00	\$ 13,200.00	\$ 195.00	\$ 11,700.00	\$ 235.00	\$ 14,100.00
44	Bored 14"/16" Steel Casing with 6" Certa-Lok (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	100	\$ 150.00	\$ 15,000.00	\$ 220.00	\$ 22,000.00	\$ 200.00	\$ 20,000.00	\$ 235.00	\$ 23,500.00
45	8" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	6470	\$ 70.00	\$ 452,900.00	\$ 60.00	\$ 388,200.00	\$ 69.00	\$ 446,430.00	\$ 62.00	\$ 401,140.00
46	8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	690	\$ 77.00	\$ 53,130.00	\$ 60.00	\$ 41,400.00	\$ 75.00	\$ 51,750.00	\$ 71.00	\$ 48,990.00
47	Bored 14"/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	60	\$ 160.00	\$ 9,600.00	\$ 220.00	\$ 13,200.00	\$ 250.00	\$ 15,000.00	\$ 235.00	\$ 14,100.00
48	Bored 14"/16" Steel Casing with 8" Certa-Lok (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	190	\$ 160.00	\$ 30,400.00	\$ 220.00	\$ 41,800.00	\$ 260.00	\$ 49,400.00	\$ 235.00	\$ 44,650.00
49	6" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	10	\$ 1,250.00	\$ 12,500.00	\$ 1,500.00	\$ 15,000.00	\$ 2,200.00	\$ 22,000.00	\$ 1,400.00	\$ 14,000.00
50	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	39	\$ 1,850.00	\$ 72,150.00	\$ 1,700.00	\$ 66,300.00	\$ 2,400.00	\$ 93,600.00	\$ 2,030.00	\$ 79,170.00
51	8"x8" Tapping Sleeve and Valves, Complete in Place, the Sum of:	EA	1	\$ 11,000.00	\$ 11,000.00	\$ 5,500.00	\$ 5,500.00	\$ 7,200.00	\$ 7,200.00	\$ 11,500.00	\$ 11,500.00
52	Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	17	\$ 6,300.00	\$ 107,100.00	\$ 6,000.00	\$ 102,000.00	\$ 6,700.00	\$ 113,900.00	\$ 6,514.00	\$ 110,738.00
53	(Red) Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	5	\$ 6,000.00	\$ 30,000.00	\$ 6,000.00	\$ 30,000.00	\$ 6,700.00	\$ 33,500.00	\$ 6,600.00	\$ 33,000.00
54	Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA	8	\$ 300.00	\$ 2,400.00	\$ 250.00	\$ 2,000.00	\$ 500.00	\$ 4,000.00	\$ 300.00	\$ 2,400.00
55	Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill, Complete in Place, the Sum of:	EA	27	\$ 100.00	\$ 2,700.00	\$ 50.00	\$ 1,350.00	\$ 400.00	\$ 10,800.00	\$ 200.00	\$ 5,400.00
56	1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	85	\$ 800.00	\$ 68,000.00	\$ 1,000.00	\$ 85,000.00	\$ 850.00	\$ 72,250.00	\$ 746.00	\$ 63,410.00
57	1" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	81	\$ 950.00	\$ 76,950.00	\$ 1,500.00	\$ 121,500.00	\$ 1,000.00	\$ 81,000.00	\$ 1,290.00	\$ 104,490.00
58	1-1/2" to 2" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	9	\$ 1,600.00	\$ 14,400.00	\$ 1,000.00	\$ 9,000.00	\$ 2,000.00	\$ 18,000.00	\$ 1,890.00	\$ 17,010.00
59	1-1/2" to 2" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	4	\$ 2,400.00	\$ 9,600.00	\$ 2,000.00	\$ 8,000.00	\$ 2,500.00	\$ 10,000.00	\$ 2,647.00	\$ 10,588.00
60	Relocation of Water Meter (Rear Building to Street Right-of-Way), Including Removal and Salvage Existing Water Meter (New Meter to be Provided by the City as Needed), Installation of New Meter Box, and Installation of All Necessary Fittings and Appurtenances, Complete in Place, the Sum of:	EA	10	\$ 1,500.00	\$ 15,000.00	\$ 1,500.00	\$ 15,000.00	\$ 3,500.00	\$ 35,000.00	\$ 5,400.00	\$ 54,000.00
61	2" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	1	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 300.00	\$ 300.00
62	4" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	9	\$ 800.00	\$ 7,200.00	\$ 1,000.00	\$ 9,000.00	\$ 500.00	\$ 4,500.00	\$ 500.00	\$ 4,500.00
63	6" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	7	\$ 1,15							

**2023 Water Line Replacement Project
Pecan Forest, Highland Terrace, Clear Creek
Heights, Boden Bern Streets (WT 1904 F)
Bid No. 24-003**

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN.	Aranda Industries, LLC.		V&S Construction Company		On Par Civil Services, LLC.	
				Unit Price		Unit Price		Unit Price	
(A) General Bid Items:				Unit Price		Unit Price		Unit Price	
1	Mobilization (Not to Exceed 4% of Bid), Complete in Place, the Sum of:	LS	1	\$ 100,000.00	\$ 100,000.00	\$ 105,000.00	\$ 105,000.00	\$ 75,000.00	\$ 75,000.00
2	Traffic Control and Regulation, Complete in Place, the Sum of:	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 28,000.00	\$ 28,000.00	\$ 20,000.00	\$ 20,000.00
3	Tree and Plant Protection (Including Pruning, Fencing and Tree Removal), Complete in Place, the Sum of:	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 37,000.00	\$ 37,000.00	\$ 6,500.00	\$ 6,500.00
4	Critical Investigation Work, Including Locating Existing Water Line and Underground Utilities as Needed to Facilitate the Proposed Water Line Installation, Complete in Place, the Sum of:	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 22,000.00	\$ 22,000.00	\$ 15,000.00	\$ 15,000.00
5	Site Restoration, Including Pavement Repairs and Pavement Marking Replacement, Complete in Place, the Sum of:	LF	21100	\$ 8.00	\$ 168,800.00	\$ 6.00	\$ 126,600.00	\$ 5.00	\$ 105,500.00
6	Miscellaneous Allowance as Approved by the City (Fixed Amount of \$50,000):	CA	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
TOTAL (A) GENERAL BID ITEMS:				\$	353,800.00	\$	368,600.00	\$	272,000.00
(B) CLEAR CREEK HEIGHTS SUBDIVISION BID ITEMS:				Unit Price		Unit Price		Unit Price	
7	6" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	70	\$ 47.00	\$ 3,290.00	\$ 61.00	\$ 4,270.00	\$ 56.00	\$ 3,920.00
8	8" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	6860	\$ 61.00	\$ 418,460.00	\$ 57.00	\$ 391,020.00	\$ 79.00	\$ 541,940.00
9	8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	380	\$ 68.00	\$ 25,840.00	\$ 66.00	\$ 25,080.00	\$ 90.00	\$ 34,200.00
10	Bored 14"/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline Under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	80	\$ 188.00	\$ 15,040.00	\$ 162.00	\$ 12,960.00	\$ 210.00	\$ 16,800.00
11	6" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	1	\$ 1,791.00	\$ 1,791.00	\$ 1,500.00	\$ 1,500.00	\$ 1,600.00	\$ 1,600.00
12	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	15	\$ 2,453.00	\$ 36,795.00	\$ 2,100.00	\$ 31,500.00	\$ 2,300.00	\$ 34,500.00
13	8"x8" Tapping Sleeve and Valves, Complete in Place, the Sum of:	EA	6	\$ 12,283.00	\$ 73,698.00	\$ 6,000.00	\$ 36,000.00	\$ 9,000.00	\$ 54,000.00
14	Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	19	\$ 6,971.00	\$ 132,449.00	\$ 6,600.00	\$ 125,400.00	\$ 5,900.00	\$ 112,100.00
15	(Red) Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	1	\$ 6,925.00	\$ 6,925.00	\$ 6,800.00	\$ 6,800.00	\$ 6,000.00	\$ 6,000.00
16	Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA	6	\$ 500.00	\$ 3,000.00	\$ 400.00	\$ 2,400.00	\$ 1,300.00	\$ 7,800.00
17	Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill, Complete in Place, the Sum of:	EA	8	\$ 350.00	\$ 2,800.00	\$ 250.00	\$ 2,000.00	\$ 700.00	\$ 5,600.00
18	1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	65	\$ 1,081.00	\$ 70,265.00	\$ 1,500.00	\$ 97,500.00	\$ 650.00	\$ 42,250.00
19	1" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	75	\$ 1,290.00	\$ 96,750.00	\$ 2,300.00	\$ 172,500.00	\$ 1,500.00	\$ 112,500.00
20	4" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	6	\$ 641.00	\$ 3,846.00	\$ 500.00	\$ 3,000.00	\$ 450.00	\$ 2,700.00
21	6" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	5	\$ 965.00	\$ 4,825.00	\$ 500.00	\$ 2,500.00	\$ 650.00	\$ 3,250.00
22	Removal and Replacement of Existing Pavement, Complete in Place, the Sum of:	SY	90	\$ 120.00	\$ 10,800.00	\$ 120.00	\$ 10,800.00	\$ 250.00	\$ 22,500.00
23	Trench Safety System for all Water Mains, Complete in Place, the Sum of:	LF	1500	\$ 0.01	\$ 15.00	\$ 0.50	\$ 750.00	\$ 1.00	\$ 1,500.00
TOTAL (B) CLEAR CREEK HEIGHTS SUBDIVISION BID ITEMS:				\$	906,589.00	\$	925,980.00	\$	1,003,160.00
(C) HIGHLAND TERRACE SUBDIVISION BID ITEMS:				Unit Price		Unit Price		Unit Price	
24	6" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	20	\$ 47.00	\$ 940.00	\$ 100.00	\$ 2,000.00	\$ 56.00	\$ 1,120.00
25	8" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	4240	\$ 62.00	\$ 262,880.00	\$ 57.00	\$ 241,680.00	\$ 79.00	\$ 334,960.00
26	8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	260	\$ 68.00	\$ 17,680.00	\$ 75.00	\$ 19,500.00	\$ 90.00	\$ 23,400.00
27	Bored 14"/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	200	\$ 188.00	\$ 37,600.00	\$ 161.00	\$ 32,200.00	\$ 210.00	\$ 42,000.00
28	Bored 14"/16" Steel Casing with 8" Certa-Lok (DR 18) Waterline under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	70	\$ 188.00	\$ 13,160.00	\$ 160.00	\$ 11,200.00	\$ 210.00	\$ 14,700.00
29	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	11	\$ 2,453.00	\$ 26,983.00	\$ 2,100.00	\$ 23,100.00	\$ 2,300.00	\$ 25,300.00
30	Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	10	\$ 7,032.00	\$ 70,320.00	\$ 6,800.00	\$ 68,000.00	\$ 6,500.00	\$ 65,000.00
31	Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA	5	\$ 500.00	\$ 2,500.00	\$ 400.00	\$ 2,000.00	\$ 1,200.00	\$ 6,000.00
32	Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill, Complete in Place, the Sum of:	EA	3	\$ 350.00	\$ 1,050.00	\$ 200.00	\$ 600.00	\$ 450.00	\$ 1,350.00
33	1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	32	\$ 1,081.00	\$ 34,592.00	\$ 1,500.00	\$ 48,000.00	\$ 650.00	\$ 20,800.00
34	1" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	32	\$ 1,290.00	\$ 41,280.00	\$ 2,300.00	\$ 73,600.00	\$ 1,500.00	\$ 48,000.00
35	6" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	3	\$ 965.00	\$ 2,895.00	\$ 500.00	\$ 1,500.00	\$ 650.00	\$ 1,950.00
36	8" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	3	\$ 1,092.00	\$ 3,276.00	\$ 700.00	\$ 2,100.00	\$ 850.00	\$ 2,550.00
37	6" Wet Connection, Complete in Place, the Sum of:	EA	2	\$ 1,164.00	\$ 2,328.00	\$ 1,100.00	\$ 2,200.00	\$ 2,000.00	\$ 4,000.00
38	8" Wet Connection, Complete in Place, the Sum of:	EA	3	\$ 1,229.00	\$ 3,687.00	\$ 2,200.00	\$ 6,600.00	\$ 3,000.00	\$ 9,000.00
39	Removal and Replacement of Existing Pavement, Complete in Place, the Sum of:	SY	360	\$ 120.00	\$ 43,200.00	\$ 110.00	\$ 39,600.00	\$ 210.00	\$ 75,600.00
40	Trench Safety System for all Water Mains, Complete in Place, the Sum of:	LF	1500	\$ 0.01	\$ 15.00	\$ 0.50	\$ 750.00	\$ 1.00	\$ 1,500.00
TOTAL (C) HIGHLAND TERRACE SUBDIVISION BID ITEMS:				\$	564,386.00	\$	574,630.00	\$	677,230.00
(D) PECAN FOREST SUBDIVISION BID ITEMS:				Unit Price		Unit Price		Unit Price	
41	2" PVC Class 200 Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	20	\$ 33.00	\$ 660.00	\$ 32.00	\$ 640.00	\$ 50.00	\$ 1,000.00
42	6" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	1930	\$ 52.00	\$ 100,360.00	\$ 51.00	\$ 98,430.00	\$ 60.00	\$ 115,800.00
43	Bored 14"/16" Steel Casing with 6" PVC C-900 (DR 18) Waterline under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	60	\$ 170.00	\$ 10,200.00	\$ 140.00	\$ 8,400.00	\$ 210.00	\$ 12,600.00
44	Bored 14"/16" Steel Casing with 6" Certa-Lok (DR 18) Waterline under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of:	LF	100	\$ 176.00	\$ 17,600.00	\$ 140.00	\$ 14,000.00	\$ 210.00	\$ 21,000.00
45	8" PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	6470	\$ 63.00	\$ 407,610.00	\$ 58.00	\$ 375,260.00	\$ 79.00	\$ 511,130.00
46	8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	690	\$ 67.00	\$ 46,230.00	\$ 60.00	\$ 41,400.00	\$ 90.00	\$ 62,100.00
47	Bored 14"/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End seals, Complete in Place, the Sum of:	LF	60	\$ 181.00	\$ 10,860.00	\$ 152.00	\$ 9,120.00	\$ 210.00	\$ 12,600.00
48	Bored 14"/16" Steel Casing with 8" Certa-Lok (DR 18) Waterline under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End seals, Complete in Place, the Sum of:	LF	190	\$ 184.00	\$ 34,960.00	\$ 148.00	\$ 28,120.00	\$ 210.00	\$ 39,900.00
49	6" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	10	\$ 1,791.00	\$ 17,910.00	\$ 1,500.00	\$ 15,000.00	\$ 1,600.00	\$ 16,000.00
50	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	39	\$ 2,453.00	\$ 95,667.00	\$ 2,100.00	\$ 81,900.00	\$ 2,300.00	\$ 89,700.00
51	8"x8" Tapping Sleeve and Valves, Complete in Place, the Sum of:	EA	1	\$ 12,283.00	\$ 12,283.00	\$ 6,100.00	\$ 6,100.00	\$ 9,000.00	\$ 9,000.00
52	Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	17	\$ 6,820.00	\$ 115,940.00	\$ 6,500.00	\$ 110,500.00	\$ 6,300.00	\$ 107,100.00
53	(Red) Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	5	\$ 6,252.00	\$ 31,260.00	\$ 6,900.00	\$ 34,500.00	\$ 6,300.00	\$ 31,500.00
54	Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA	8	\$ 500.00	\$ 4,000.00	\$ 400.00	\$ 3,200.00	\$ 1,200.00	\$ 9,600.00
55	Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill, Complete in Place, the Sum of:	EA	27	\$ 350.00	\$ 9,450.00	\$ 200.00	\$ 5,400.00	\$ 650.00	\$ 17,550.00
56	1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	85	\$ 1,082.00	\$ 91,970.00	\$ 1,500.00	\$ 127,500.00	\$ 850.00	\$ 72,250.00
57	1" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	81	\$ 1,289.00	\$ 104,409.00	\$ 2,300.00	\$ 186,300.00	\$ 1,500.00	\$ 121,500.00
58	1-1/2" to 2" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	9	\$ 3,058.00	\$ 27,522.00	\$ 3,800.00	\$ 34,200.00	\$ 1,350.00	\$ 12,150.00
59	1-1/2" to 2" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	4	\$ 3,620.00	\$ 14,480.00	\$ 4,500.00	\$ 18,000.00	\$ 2,300.00	\$ 9,200.00
60	Relocation of Water Meter (Rear Building to Street Right-of-Way), Including Removal and Salvage Existing Water Meter (New Meter to be Provided by the City as Needed), Installation of New Meter Box, and Installation of All Necessary Fittings and Appurtenances, Complete in Place, the Sum of:	EA	10	\$ 450.00	\$ 4,500.00	\$ 1,900.00	\$ 19,000.00	\$ 3,500.00	\$ 35,000.00
61	2" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	1	\$ 514.00	\$ 514.00	\$ 400.00	\$ 400.00	\$ 450.00	\$ 450.00
62	4" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	9	\$ 641.00	\$ 5,769.00	\$ 400.00	\$ 3,600.00	\$ 550.00	\$ 4,950.00
63	6" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	7	\$ 965.00	\$ 6,755.00	\$ 600.00	\$ 4,200.00	\$ 650.00	\$ 4,550.00
64	8" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	2	\$ 1,092.00	\$ 2,184.00	\$ 750.00	\$ 1,500.00	\$ 750.00	\$ 1,500.00
65	2" Wet Connection, Complete in Place, the Sum of:	EA	1	\$ 910.00	\$ 910.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00
66	6" Wet Connection, Complete in Place, the Sum of:	EA	1	\$ 1,164.00	\$ 1,164.00	\$ 1,300.00	\$ 1,300.00	\$ 1,500.00	\$ 1,500.00
67	8" Wet Connection, Complete in Place, the Sum of:	EA	3	\$ 1,230.00	\$ 3,690.00	\$ 2,200.00	\$ 6,600.00	\$ 2,200.00	\$ 6,600.00
68	Removal and Replacement of Existing Pavement, Complete in Place, the Sum of:	SY	400	\$ 120.00	\$ 48,000.00	\$ 110.00	\$ 44,000.00	\$ 210.00	\$ 84,000.00
69	Trench Safety System for all Water Mains, Complete in Place, the Sum of:	LF	1500	\$ 0.01	\$ 15.00	\$ 0.50	\$ 750.00	\$ 1.00	\$ 1,500.00
TOTAL (D) PECAN FOREST SUBDIVISION BID ITEMS:				\$	1,226,872.00	\$	1,279,820.00	\$	1,412,730.00
(E) EXTRA WORK BID ITEMS:									
70	Well Pointing System, all Depths, Complete in Place, the Sum of:	LF	2,000	\$ 30.00	\$ 60,000.00	\$ 30.00	\$ 60,000.00	\$ 30.00	\$ 60,000.00
71	Wet Condition Bedding, all Sizes, all Depths, Complete in Place, the Sum of:	LF	1,000	\$ 5.00	\$ 5,000.00	\$ 5.00	\$ 5,000.00	\$ 5.00	\$ 5,000.00
72	Extra Cement Stabilized Sand, Complete in Place, the Sum of:	CY	200	\$ 45.00	\$ 9,000.00	\$ 45.00	\$ 9,000.00	\$ 45.00	\$ 9,000.00
73	Extra 1" Polyethylene Service Tubing, Complete in Place, the Sum of:	LF	500	\$ 3.00	\$ 1,500.00	\$ 3.00	\$ 1,500.00	\$ 3.00	\$ 1,500.00
74	Extra 1-1/2" to 2" Polyethylene Service Tubing, Complete in Place, the Sum of:	LF	200	\$ 4.00	\$ 800.00	\$ 4.00	\$ 800.00	\$ 4.00	\$ 800.00
75	Installation of New Meter Box, Per Detail, at Locations Approved by the City, Complete in Place, the Sum of:	EA	10	\$ 100.00	\$ 1,000.00	\$ 100.00	\$ 1,000.00	\$ 100.00	\$ 1,000.00
76	Solid Sheet Shoring, Ordered Left in Place, all Sizes, Complete in Place, the Sum of:	LF	100	\$ 25.00	\$ 2,500.00	\$ 25.00			