

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:

Bidder	Total Bid (Base Bid +	Total Calendar Days Bid
	Add Alternate No. 1)	
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

hilamli

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

			- 1			Bid No. 24-00	BIDDER						
ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN.	Engine	er's Estimate		onstruction, Inc.	Faith U	tilities, LLC.	Lopez Utilities	Contractor, LLC.		uction Services, LC.
	neral Bid Items: Mobilization (Not to Exceed 4% of Bid), Complete in Place, the Sum of:	LS	1	Unit Price \$ 110,000.00	\$ 110,000.00	Unit Price \$ 80,000.00	\$ 80,000.00	Unit Price \$ 100,000.00	\$ 100,000.00	Unit Price \$ 90,000.00	\$ 90,000.00	Unit Price \$ 120,000.00	\$ 120,000.00
2	Traffic Control and Regulation, Complete in Place, the Sum of: Tree and Plant Protection (Including Pruning, Fencing and Tree Removal), Complete in Place, the	LS 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	Sum of: Critical Investigation Work, Including Locating Existing Water Line and Underground Utilities as		1	\$ 25,000.00	\$ 25,000.00	• ••,•••••	\$ 10,000.00	\$ 9,000.00	\$ 9,000.00	\$ 18,000.00	\$ 18,000.00	\$ 5,000.00	\$ 5,000.00
4	Needed to Facilitate the Proposed Water Line Installation, Complete in Place, the Sum of: Site Restoration, Including Pavement Repairs and Pavement Marking Replacement, Complete in	LS	1	\$ 18,000.00		· · ·	\$ 20,000.00		\$ 12,000.00			\$ 4,000.00	\$ 4,000.00
5	Place, the Sum of: Miscellaneous Allowance as Approved by the City (Fixed Amount of \$50,000):	LF CA	21100 1	\$ 8.00 \$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 31,650.00 \$ 50,000.00	\$ 7.00 \$ 50,000.00	\$ 50,000.00	\$ 5.00 \$ 50,000.00	\$ 105,500.00 \$ 50,000.00
(B) CL	TOTAL (A) GENER EAR CREEK HEIGHTS SUBDIVISON BID ITEMS: 6° PVC C-900 (DR 18) Waterline by Primarily Augured/Trenchless Construction, All Depths,			Unit Price	\$ 401,800.00	Unit Price	\$ 253,300.00	Unit Price	\$ 214,650.00	Unit Price	\$ 335,700.00	Unit Price	\$ 292,500.00
7	6 PVC C-900 (DK 16) watchine by Primarily Auguered Trenchess Construction, All Depuis, Complete in Place, the Sum of: 8" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths,	LF LF	70 6860	\$ 50.00 \$ 60.00	-		\$ 2,450.00 \$ 329,280.00	\$ 45.00 \$ 50.00	\$ 3,150.00 \$ 343,000.00	\$ 39.00 \$ 54.00	\$ 2,730.00 \$ 370,440.00	\$ 60.00 \$ 68.00	\$ 4,200.00 \$ 466,480.00
8	Complete in Place, the Sum of: 8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete	LF	380	\$ 70.00	\$ 411,600.00 \$ 26,600.00		\$ 329,280.00 \$ 28,500.00		\$ 343,000.00 \$ 21,280.00	\$ 54.00 \$ 70.00	\$ 370,440.00 \$ 26,600.00	\$ 58.00 \$ 78.00	\$ 466,480.00 \$ 29,640.00
10	in Place, the Sum of: Bored 14"/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline Under Sanitary Sewer Crossing,	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	Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of: 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 13	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of: 8"x8" Tapping Sleeve and Valves, Complete in Place, the Sum of:	EA EA	15 6	\$ 2,500.00 \$ 6,500.00	\$ 37,500.00 \$ 39,000.00	\$ 2,300.00 \$ 5,500.00	\$ 34,500.00 \$ 33,000.00	\$ 2,200.00 \$ 5,000.00	\$ 33,000.00 \$ 30,000.00	\$ 2,050.00 \$ 5,200.00	\$ 30,750.00 \$ 31,200.00	\$ 1,850.00 \$ 5,650.00	\$ 27,750.00 \$ 33,900.00
14	Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of: (Red) Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe,	EA	19	\$ 5,400.00			\$ 104,500.00	\$ 6,000.00	\$ 114,000.00	\$ 5,900.00	\$ 112,100.00	\$ 5,280.00	\$ 100,320.00
15 16	Complete in Place, the Sum of: Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA EA	1 6	\$ 5,400.00 \$ 800.00	\$ 5,400.00 \$ 4,800.00	\$ 6,500.00 \$ 150.00	\$ 6,500.00 \$ 900.00	\$ 5,600.00 \$ 400.00	\$ 5,600.00 \$ 2,400.00	\$ 5,800.00 \$ 850.00	\$ 5,800.00 \$ 5,100.00	\$ 5,350.00 \$ 450.00	\$ 5,350.00 \$ 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: 1° Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place,	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° fond the Service representation, including and running and Appartenances, Complete in Face, the Sum of: 1° Long Side Service Replacement, Including all Fittings and Appartenances, Complete in Place, the	EA EA	65 75	\$ 525.00 \$ 599.00	\$ 34,125.00 \$ 44,925.00	\$ 550.00 \$ 650.00	\$ 35,750.00 \$ 48,750.00		\$ 71,500.00 \$ 90,000.00	\$ 600.00 \$ 850.00	\$ 39,000.00 \$ 63,750.00	\$ 450.00 \$ 980.00	\$ 29,250.00 \$ 73,500.00
20	Sum of: 4" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	6	\$ 650.00 \$ 850.00	\$ 3,900.00 \$ 4,250.00	\$ 500.00	\$ 3,000.00 \$ 2,500.00	\$ 650.00	\$ 3,900.00 \$ 3,500.00	\$ 700.00	\$ 4,200.00 \$ 3,750.00	\$ 450.00 \$ 850.00	\$ 2,700.00 \$ 4,250.00
21 22 23	6° Cut, Plug & Abandon, Complete in Place, the Sum of: Removal and Replacement of Existing Pavement, Complete in Place, the Sum of: Trench Safety System for all Water Mains, Complete in Place, the Sum of:	EA SY LF	90 1500	\$ 850.00 \$ 130.00 \$ 1.00	\$ 4,250.00 \$ 11,700.00 \$ 1.500.00	\$ 500.00 \$ 95.00 \$ 0.01	\$ 2,500.00 \$ 8,550.00 \$ 15.00	\$ 700.00 \$ 100.00 \$ 1.50	\$ 3,500.00 \$ 9,000.00 \$ 2,250.00	\$ 750.00 \$ 90.00 \$ 2.00	\$ 3,750.00 \$ 8,100.00 \$ 3.000.00	\$ 850.00 \$ 72.00 \$ 1.00	\$ 4,250.00 \$ 6,480.00 \$ 1.500.00
	TOTAL (B) CLEAR CREEK HEIGHTS SUBDIVISO GHLAND TERRACE SUBDIVISION BID ITEMS:	ON BID	ITEMS:	Unit Price	\$ 755,025.00	Unit Price	\$ 656,495.00	Unit Price	\$ 751,580.00	Unit Price	\$ 731,820.00	Unit Price	\$ 804,470.00
24	6" PVC C-900 (DR 18) Waterline by Primarily Auguered/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 Auguered/Trenchless Construction, All Depths, Complete in Place, the Sum of: 8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete	LF	4240	\$ 60.00			\$ 203,520.00		\$ 212,000.00	\$ 54.00		\$ 68.00	\$ 288,320.00
26	b) Proc Ceta-Los (Drro) watching by Mandatory Tenenicss Construction, All Depuis, Comprete in Place, the Sam of: Bored 147/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline under Sanitary Sewer Crossing,	LF	260	\$ 70.00					\$ 16,900.00		-	\$ 78.00	\$ 20,280.00
27	Bored 14 710° Steet Casing with 8° FVC C-900 (DK 18) waterine under Santary Sewer Crossing, Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of: Bored 14°/16° Steet Casing with 8° Certa-Lok (DR 18) Waterline under Sanitary Sewer Crossing,	LF	200	\$ 215.00					\$ 32,000.00			\$ 175.00	\$ 35,000.00
28 29	Bored 147/16" 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: 8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	LF EA	70 11	\$ 230.00 \$ 2,200.00	\$ 16,100.00 \$ 24,200.00	\$ 195.00 \$ 2,500.00	\$ 13,650.00 \$ 27,500.00	\$ 170.00 \$ 2,100.00	\$ 11,900.00 \$ 23,100.00	\$ 250.00 \$ 2,050.00	\$ 17,500.00 \$ 22,550.00	\$ 215.00 \$ 1,850.00	\$ 15,050.00 \$ 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: Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill,	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	Complete in Place, the Sum of: 1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place,	EA EA	3 32	\$ 600.00 \$ 600.00		\$ 150.00 \$ 550.00	\$ 450.00 \$ 17,600.00	\$ 400.00 \$ 1,100.00	\$ 1,200.00 \$ 35,200.00	\$ 750.00 \$ 600.00	\$ 2,250.00 \$ 19,200.00	\$ 150.00 \$ 450.00	\$ 450.00 \$ 14,400.00
33 34	the Sum of: 1 ⁿ Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	32	\$ 600.00 \$ 750.00	· · ·				\$ 35,200.00 \$ 38,400.00				\$ 14,400.00 \$ 31,360.00
35 36	Sum of: 6° Cut, Plug & Abandon, Complete in Place, the Sum of: 8° Cut, Plug & Abandon, Complete in Place, the Sum of:	EA EA	3	\$ 850.00 \$ 975.00	\$ 2,550.00 \$ 2,925.00	\$ 500.00 \$ 800.00	\$ 1,500.00 \$ 2,400.00		\$ 2,100.00 \$ 2,250.00	\$ 750.00 \$ 975.00	\$ 2,250.00 \$ 2,925.00	\$ 850.00 \$ 1,250.00	\$ 2,550.00 \$ 3,750.00
37 38	6" Wet Connection, Complete in Place, the Sum of: 8" Wet Connection, Complete in Place, the Sum of:	EA EA	2 3	\$ 2,800.00 \$ 3,200.00	\$ 5,600.00 \$ 9,600.00	\$ 1,200.00 \$ 1,800.00	\$ 2,400.00 \$ 5,400.00	\$ 850.00 \$ 1,000.00	\$ 1,700.00 \$ 3,000.00	\$ 2,200.00 \$ 2,800.00	\$ 4,400.00 \$ 8,400.00	\$ 950.00 \$ 1,550.00	\$ 1,900.00 \$ 4,650.00
39 40	Removal and Replacement of Existing Pavement, Complete in Place, the Sum of: Trench Safety System for all Water Mains, Complete in Place, the Sum of: TOTAL (C) HIGHLAND TERRACE SUBDIVISI	SY LF		\$ 130.00 \$ 1.00		\$ 95.00 \$ 0.01		\$ 100.00 \$ 1.50	\$ 36,000.00 \$ 2,250.00 \$ 481,500.00	\$ 90.00 \$ 2.00	\$ 32,400.00 \$ 3,000.00 \$ 497,265.00	\$ 72.00 \$ 1.00	\$ 25,920.00 \$ 1,500.00 \$ 521,730.00
. /	CAN FOREST SUBDIVISION BID ITEMS: 2° PVC Class 200 Waterline by Primarily Auguered/Trenchless Construction, All Depths, Complete			Unit Price		Unit Price		Unit Price		Unit Price		Unit Price	
41	in Place, the Sum of: 6" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths,	LF LF	20 1930	\$ 40.00 \$ 50.00	\$ 800.00 \$ 96,500.00		\$ 500.00 \$ 67,550.00	\$ 65.00 \$ 43.00	\$ 1,300.00 \$ 82,990.00	\$ 35.00 \$ 39.00	\$ 700.00 \$ 75,270.00	\$ 25.00 \$ 60.00	\$ 500.00 \$ 115,800.00
42	Complete in Place, the Sum of: Bored 14"/16" Steel Casing with 6" PVC C-900 (DR 18) Waterline under Sanitary Sewer Crossing,	LF	60	\$ 200.00					\$ 9,000.00			\$ 175.00	\$ 10,500.00
-	Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of: Bored 14"/16" Steel Casing with 6" Certa-Lok (DR 18) Waterline under Sanitary Sewer Crossing,												
44 45	Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of: 8" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths,	LF LF	100 6470	\$ 215.00 \$ 60.00	\$ 21,500.00 \$ 388,200.00	\$ 195.00 \$ 48.00	\$ 19,500.00 \$ 310,560.00	\$ 160.00 \$ 50.00	\$ 16,000.00 \$ 323,500.00	\$ 250.00 \$ 54.00	\$ 25,000.00 \$ 349,380.00	\$ 185.00 \$ 68.00	\$ 18,500.00 \$ 439,960.00
46	Complete in Place, the Sum of: 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		\$ 62,100.00		\$ 38,640.00	\$ 70.00	\$ 48,300.00	\$ 78.00	\$ 53,820.00
47	In Flace, the sturr of: 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			\$ 37,050.00		\$ 32,300.00	\$ 250.00		\$ 195.00	\$ 37,050.00
49 50 51	6' Resilient Seated Gate Valve with Box, Complete in Place, the Sum of: 8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of: 8*8" Tapping Sleeve and Valves, Complete in Place, the Sum of:	EA EA	10 39	\$ 1,625.00 \$ 2,500.00 \$ 6,900.00	\$ 16,250.00 \$ 97,500.00 \$ 6,900.00	\$ 1,200.00 \$ 2,500.00 \$ 5,500.00	\$ 12,000.00 \$ 97,500.00 \$ 5,500.00	\$ 1,600.00 \$ 2,100.00 \$ 5,000.00	\$ 16,000.00 \$ 81,900.00 \$ 5,000.00	\$ 1,700.00 \$ 2,050.00 \$ 5,200.00	\$ 17,000.00 \$ 79,950.00 \$ 5,200.00	\$ 1,250.00 \$ 1,850.00 \$ 5,650.00	\$ 12,500.00 \$ 72,150.00 \$ 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 54	(Red) Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of: Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA EA	5	\$ 5,400.00 \$ 800.00	\$ 27,000.00 \$ 6.400.00	\$ 7,500.00 \$ 150.00	\$ 37,500.00 \$ 1,200.00	\$ 7,300.00 \$ 400.00	\$ 36,500.00 \$ 3,200.00	\$ 5,800.00 \$ 850.00	\$ 29,000.00 \$ 6,800.00	\$ 5,480.00 \$ 450.00	\$ 27,400.00 \$ 3,600.00
55	Remove and Dispose Existing File Hydrant Assembly, Complete in Frace, the Sunt of: Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill, Complete in Place, the Sum of:	EA	27	\$ 600.00	\$ 16,200.00	\$ 500.00	\$ 13,500.00	\$ 400.00	\$ 10,800.00	\$ 750.00	\$ 20,250.00	\$ 150.00	\$ 4,050.00
56	1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	85	\$ 525.00	\$ 44,625.00	\$ 550.00	\$ 46,750.00	\$ 1,100.00	\$ 93,500.00	\$ 600.00	\$ 51,000.00	\$ 450.00	\$ 38,250.00
57	1" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of: 1-1/2" to 2" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in	EA	81 9	\$ 599.00					\$ 97,200.00	\$ 850.00	\$ 68,850.00	\$ 980.00 \$ 1,450.00	\$ 79,380.00 \$ 13.050.00
58 59	Place, the Sum of: 1-1/2" to 2" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in	EA EA	9	\$ 650.00 \$ 800.00	· · ·		\$ 13,500.00 \$ 7,200.00		\$ 23,400.00 \$ 11,200.00	\$ 1,400.00 \$ 1,875.00	\$ 12,600.00 \$ 7,500.00	\$ 1,450.00 \$ 2,450.00	\$ 13,050.00 \$ 9,800.00
	Place, the Sum of: Relocation of Water Meter (Rear Building to Street Right-of-Way), Including Removal and Salvage												,
60	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	\$ 1,000.00			\$ 12,000.00		\$ 25,000.00			\$ 2,150.00	\$ 21,500.00
61 62	2" Cut, Plug & Abandon, Complete in Place, the Sum of: 4" Cut, Plug & Abandon, Complete in Place, the Sum of: 6" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA EA	1 9 7	\$ 600.00 \$ 750.00 \$ 850.00	\$ 6,750.00	\$ 400.00 \$ 600.00 \$ 800.00	\$ 5,400.00	\$ 650.00	\$ 750.00 \$ 5,850.00 \$ 5,250.00	\$ 675.00 \$ 875.00 \$ 750.00	\$ 675.00 \$ 7,875.00 \$ 5,250.00	\$ 250.00 \$ 650.00 \$ 850.00	\$ 250.00 \$ 5,850.00
63 64 65	6° Cut, Plug & Abandon, Complete in Place, the Sum of: 8° Cut, Plug & Abandon, Complete in Place, the Sum of: 2° Wet Connection, Complete in Place, the Sum of:	EA EA	/ 2 1	\$ 850.00 \$ 975.00 \$ 1,800.00	\$ 5,950.00 \$ 1,950.00 \$ 1,800.00	\$ 800.00 \$ 1,200.00 \$ 250.00	\$ 5,600.00 \$ 2,400.00 \$ 250.00	\$ 750.00 \$ 850.00 \$ 600.00	\$ 5,250.00 \$ 1,700.00 \$ 600.00	\$ 750.00 \$ 975.00 \$ 850.00	\$ 5,250.00 \$ 1,950.00 \$ 850.00	\$ 850.00 \$ 1,250.00 \$ 350.00	\$ 5,950.00 \$ 2,500.00 \$ 350.00
66 67	6" Wet Connection, Complete in Place, the Sum of: 8" Wet Connection, Complete in Place, the Sum of:	EA EA	1 3	\$ 2,800.00 \$ 3,200.00	\$ 2,800.00 \$ 9,600.00	\$ 1,200.00 \$ 1,800.00	\$ 1,200.00 \$ 5,400.00	\$ 850.00 \$ 1,000.00	\$ 850.00 \$ 3,000.00	\$ 2,200.00 \$ 2,800.00	\$ 2,200.00 \$ 8,400.00	\$ 950.00 \$ 1,450.00	\$ 950.00 \$ 4,350.00
68 69	Removal and Replacement of Existing Pavement, Complete in Place, the Sum of: Trench Safety System for all Water Mains, Complete in Place, the Sum of: TOTAL (D) PECAN FOREST SUBDIVISI	SY LF	400 1500	\$ 130.00 \$ 1.00	\$ 52,000.00 \$ 1,500.00 \$ 1,081,094.00	\$ 95.00 \$ 0.01	\$ 38,000.00 \$ 15.00 \$ 980,225.00	\$ 100.00 \$ 1.50	\$ 40,000.00 \$ 2,250.00 \$ 1,075,880.00	\$ 90.00 \$ 2.00	\$ 36,000.00 \$ 3,000.00 \$ 1,058,200.00	\$ 72.00 \$ 1.00	\$ 28,800.00 \$ 1,500.00 \$ 1,114,220.00
(E) EX 70	TOTAL (D) PECAN FOREST SUBDIVISI TRA WORK BID ITEMS: Well Pointing System, all Depths, Complete in Place, the Sum of:		2,000	\$ 30.00		\$ 30.00		\$ 30.00		\$ 30.00	\$ 1,058,200.00 \$ 60,000.00	\$ 30.00	\$ 1,114,220.00 \$ 60,000.00
71 72	Wet Condition Bedding, all Sizes, all Depths, Complete in Place, the Sum of: Extra Cement Stabilized Sand, Complete in Place, the Sum of:	LF CY	1,000 200	\$ 5.00 \$ 45.00	\$ 5,000.00 \$ 9,000.00	\$ 5.00 \$ 45.00	\$ 5,000.00 \$ 9,000.00	\$ 5.00 \$ 45.00	\$ 5,000.00 \$ 9,000.00	\$ 5.00 \$ 45.00	\$ 5,000.00 \$ 9,000.00	\$ 5.00 \$ 45.00	\$ 5,000.00 \$ 9,000.00
73 74	Extra 1 ⁻¹ Polyethylene Service Tubing, Complete in Place, the Sum of: Extra 1-1/2" to 2" Polyethylene Service Tubing, Complete in Place, the Sum of: Installation of New Meter Box, Per Detail, at Locations Approved by the City, Complete in Place,	LF LF	500 200	\$ 3.00 \$ 4.00	\$ 800.00	\$ 3.00 \$ 4.00	\$ 800.00	\$ 3.00 \$ 4.00	\$ 1,500.00 \$ 800.00	\$ 3.00 \$ 4.00	\$ 800.00	\$ 3.00 \$ 4.00	\$ 1,500.00 \$ 800.00
75 76	the Sum of: Solid Sheet Shoring, Ordered Left in Place, all Sizes, Complete in Place, the Sum of:	EA LF	10 100	\$ 100.00 \$ 25.00	\$ 2,500.00	\$ 100.00 \$ 25.00	\$ 2,500.00	\$ 25.00	\$ 1,000.00 \$ 2,500.00	\$ 100.00 \$ 25.00	\$ 2,500.00	\$ 100.00 \$ 25.00	\$ 1,000.00 \$ 2,500.00
77 78	Brace, Support, and Protect Utility Structures, Complete in Place, the Sum of: Extra Bank Sand, Complete in Place, the Sum of: TOTAL (E) EXTRA WO	EA CY	15 100	\$ 500.00 \$ 15.00	\$ 7,500.00 \$ 1,500.00 \$ 88,800.00	\$ 500.00 \$ 15.00	\$ 7,500.00 \$ 1,500.00 \$ 88,800.00	\$ 500.00 \$ 15.00	\$ 7,500.00 \$ 1,500.00 \$ 88,800.00	\$ 500.00 \$ 15.00	\$ 7,500.00 \$ 1,500.00 \$ 88,800.00	\$ 500.00 \$ 15.00	\$ 7,500.00 \$ 1,500.00 \$ 88,800.00
	TOTAL (E) EXTRA WO D ALTERNATE NO. 1 (BERN, BODEN, AND ABILENE) BID ITEMS: Site Restoration, Including all Pavement Repairs and Pavement Marking Replacement, Complete in		1				· · · ·						
79 80	Place, the Sum of: 8" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, all Depths,	LF LF	2,780 2,640	\$ 10.00 \$ 60.00	\$ 27,800.00 \$ 158,400.00		\$ 13,900.00 \$ 126,720.00		\$ 8,340.00 \$ 132,000.00	\$ 7.00 \$ 54.00	\$ 19,460.00 \$ 142,560.00	\$ 5.00 \$ 68.00	\$ 13,900.00 \$ 179,520.00
81	Complete in Place, the Sum of: 8° PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, all Depths, Complete in Place, the Sum of:	LF	140	\$ 70.00	• • • • • • • • •		\$ 12,600.00		\$ 7,700.00	\$ 70.00	\$ 9,800.00	\$ 78.00	\$ 10,920.00
82 83	in Place, the Sum of: 8° Resilient Seated Gate Valve with Box, Complete in Place, the Sum of: 8°x8° Tapping Sleeve and Valves, Complete in Place, the Sum of:	EA EA	6 2	\$ 2,500.00 \$ 6,900.00	\$ 15,000.00 \$ 13,800.00	\$ 2,500.00 \$ 5,200.00	\$ 15,000.00 \$ 10,400.00	\$ 2,100.00 \$ 5,000.00	\$ 12,600.00 \$ 10,000.00	\$ 2,050.00 \$ 5,200.00	\$ 12,300.00 \$ 10,400.00	\$ 1,850.00 \$ 5,650.00	\$ 11,100.00 \$ 11,300.00
84	Fire Hydrant Assembly installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	6	\$ 5,400.00	\$ 32,400.00	\$ 5,500.00	\$ 33,000.00	\$ 5,800.00	\$ 34,800.00	\$ 5,900.00	\$ 35,400.00	\$ 5,280.00	\$ 31,680.00
85 86	Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of: Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill/Cement Fill, Complete in Place, the Sum of:	EA EA	1	\$ 800.00 \$ 600.00		\$ 150.00 \$ 150.00	\$ 300.00 \$ 150.00		\$ 800.00 \$ 400.00	\$ 850.00 \$ 750.00	\$ 1,700.00 \$ 750.00	\$ 450.00 \$ 150.00	\$ 900.00 \$ 150.00
87	1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	4	\$ 600.00	\$ 2,400.00	\$ 650.00	\$ 2,600.00	\$ 1,100.00	\$ 4,400.00	\$ 600.00	\$ 2,400.00	\$ 450.00	\$ 1,800.00
88	1" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of: 1-1/2" to 2" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in	EA	7	\$ 700.00	· · ·		· · ·		\$ 8,400.00			\$ 980.00	\$ 6,860.00
89 90	Place, the Sum of: 2" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA EA	1 2	\$ 1,000.00 \$ 600.00	\$ 1,200.00	\$ 400.00	\$ 1,500.00 \$ 800.00	\$ 750.00	\$ 2,900.00 \$ 1,500.00	\$ 1,400.00 \$ 1,875.00	\$ 3,750.00	\$ 2,450.00 \$ 450.00	\$ 2,450.00 \$ 900.00
91 92	8" Cut, Plug & Abandon, Complete in Place, the Sum of: 8" Wet Connection, Complete in Place, the Sum of:	EA EA	2	\$ 975.00 \$ 3,200.00	\$ 1,950.00 \$ 3,200.00	\$ 1,200.00 \$ 1,800.00	\$ 2,400.00 \$ 1,800.00	\$ 850.00 \$ 1,000.00	\$ 1,700.00 \$ 1,000.00	\$ 975.00 \$ 2,800.00	\$ 1,950.00 \$ 2,800.00	\$ 850.00 \$ 1,450.00	\$ 1,700.00 \$ 1,450.00
93	Trench Safety System for all Water Mains, Complete in Place, the Sum of: TOTAL (F) ADD ALTERNATE NO. 1 (BERN, BODEN, AND ABILE?	LF NE) BIE		\$ 1.00	\$ 1,000.00 \$ 275,050.00	\$ 0.01	\$ 10.00 \$ 227,130.00	\$ 1.50	\$ 1,500.00 \$ 228,040.00	\$ 2.00	\$ 2,000.00 \$ 252,620.00	\$ 1.00	\$ 1,000.00 \$ 275,630.00
	TOTAL BASE BID (A + B + C		·		\$ 2,855,594.00		\$ 2,426,405.00		\$ 2,612,410.00		\$ 2,711,785.00		\$ 2,821,720.00
	TOTAL ADD ALTERNATE NO.				\$ 275,050.00		\$ 227,130.00		\$ 228,040.00		\$ 252,620.00		\$ 275,630.00
	TOTAL CALENI VALUE OF CA DIFFERENCE IN DAYS COMPARED TO LOW	LEND	AR DAY:				300 \$ 1,500.00		363 \$ 1,500.00		370 \$ 1,500.00 70		330 \$ 1,500.00 30
	A+B TO BE ADDED	то ви	SE BID:				\$		63 \$ 94,500.00		70 \$ 105,000.00		30 \$ 45,000.00
	GRA	ND T	OTAL:		\$ 3,130,644.00		\$ 2,653,535.00		\$ 2,934,950.00		\$ 3,069,405.00		\$ 3,142,350.00
	INVITE THAT IN THE PROPERTY OF									1			

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

	1				3id No. 24-003					1	
ITEN NO		UNIT	QUAN.		erprises, LLC.	Solutio	d Construction ons, LLC.	L	struction Group, LC.		com, Inc.
1	Bid Items: Mobilization (Not to Exceed 4% of Bid), Complete in Place, the Sum of:	LS	1	Unit Price \$ 60,000.00	\$ 60,000.00	Unit Price \$ 90,000.00	\$ 90,000.00	Unit Price \$ 60,000.00	\$ 60,000.00	Unit Price \$ 99,000.00	\$ 99,000.00
2	Traffic Control and Regulation, Complete in Place, the Sum of: Tree and Plant Protection (Including Pruning, Fencing and Tree Removal), Complete in Place, the	LS LS	1		\$ 20,000.00 \$ 10,000.00	\$ 10,000.00 \$ 5,000.00	\$ 10,000.00 \$ 5,000.00	\$ 22,000.00 \$ 2,000.00	\$ 22,000.00 \$ 2,000.00	\$ 100,000.00 \$ 15,000.00	\$ 100,000.00 \$ 15,000.00
4	Sum of: Critical Investigation Work, Including Locating Existing Water Line and Underground Utilities as	LS	1	\$ 5,000.00	\$ 5,000.00		\$ 2,500.00	\$ 5,000.00	\$ 5,000.00		
5	Needed to Facilitate the Proposed Water Line Installation, Complete in Place, the Sum of: Site Restoration, Including Pavement Repairs and Pavement Marking Replacement, Complete in Distribution of the State S	LF	21100	\$ 5.00	\$ 105,500.00	\$ 5.00	\$ 105,500.00	\$ 5.00	\$ 105,500.00	\$ 5.00	\$ 105,500.00
6	Place, the Sum of: Miscellaneous Allowance as Approved by the City (Fixed Amount of \$50,000): TOTAL (A) GENERA	CA AL BID	1 ITEMS:	\$ 50,000.00	\$ 50,000.00 \$ 250,500.00	\$ 50,000.00	\$ 50,000.00 \$ 263,000.00	\$ 50,000.00	\$ 50,000.00 \$ 244,500.00	\$ 50,000.00	\$ 50,000.00 \$ 374,500.00
(B) C	LEAR CREEK HEIGHTS SUBDIVISON BID ITEMS: 6" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths,	LF	70	Unit Price \$ 54.00	\$ 3,780.00	Unit Price \$ 50.00	\$ 3,500.00	Unit Price \$ 59.00	\$ 4,130.00	Unit Price \$ 48.00	\$ 3,360.00
8	Complete in Place, the Sum of: 8" PVC C-900 (DR 18) Waterline by Primarily Auguered/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		EA EA	1 15	\$ 1,250.00 \$ 1,850.00	\$ 1,250.00 \$ 27,750.00	\$ 1,500.00 \$ 1,700.00	\$ 25,500.00	\$ 2,200.00 \$ 2,400.00	\$ 2,200.00 \$ 36,000.00	\$ 1,400.00 \$ 2,030.00	\$ 30,450.00
13 14	8"%8" Tapping Sleeve and Valves, Complete in Place, the Sum of. Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA EA	6 19	\$ 11,000.00 \$ 6,300.00		\$ 5,500.00 \$ 6,000.00	\$ 33,000.00 \$ 114,000.00	\$ 7,200.00 \$ 6,700.00	\$ 43,200.00 \$ 127,300.00	\$ 11,500.00 \$ 6,514.00	\$ 69,000.00 \$ 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: Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA EA	1 6	\$ 6,000.00 \$ 300.00	\$ 6,000.00 \$ 1,800.00	\$ 6,000.00 \$ 250.00	\$ 6,000.00 \$ 1,500.00	\$ 6,700.00 \$ 500.00	\$ 6,700.00 \$ 3,000.00	\$ 6,600.00 \$ 300.00	\$ 6,600.00 \$ 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: 1° Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the	EA	65		\$ 52,000.00	\$ 1,000.00		\$ 850.00	· · ·		\$ 48,490.00
19 20	Sum of: 4" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA EA	75 6	\$ 950.00	\$ 71,250.00 \$ 5,700.00	\$ 1,500.00 \$ 1,000.00	\$ 112,500.00 \$ 6,000.00	\$ 1,000.00 \$ 500.00	\$ 75,000.00 \$ 3,000.00	\$ 1,290.00 \$ 500.00	
21 22 23	6" Cut, Plug & Abandon, Complete in Place, the Sum of: Removal and Replacement of Existing Pavement, Complete in Place, the Sum of: Trench Safety System for all Water Mains, Complete in Place, the Sum of:	EA SY LF	5 90 1500	\$ 1,150.00 \$ 120.00 \$ 0.01	\$ 5,750.00 \$ 10,800.00 \$ 15.00	\$ 1,500.00 \$ 50.00 \$ 1.00	\$ 7,500.00 \$ 4,500.00 \$ 1,500.00	\$ 600.00 \$ 90.00 \$ 1.00	\$ 3,000.00 \$ 8,100.00 \$ 1,500.00	\$ 700.00 \$ 125.00 \$ 5.00	\$ 3,500.00 \$ 11,250.00 \$ 7,500.00
	TOTAL (B) CLEAR CREEK HEIGHTS SUBDIVISO IGHLAND TERRACE SUBDIVISION BID ITEMS:		ITEMS:	Unit Price	\$ 895,015.00	Unit Price	\$ 834,400.00	Unit Price	\$ 865,180.00	Unit Price	\$ 870,036.00
24	6" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths, Complete in Place, the Sum of: 8" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths,	LF	20		\$ 1,800.00	\$ 50.00		\$ 59.00	\$ 1,180.00	\$ 102.00	
25 26	Complete in Place, the Sum of: 8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete	LF LF	4240 260	\$ 70.00 \$ 77.00	\$ 296,800.00 \$ 20,020.00	\$ 60.00 \$ 60.00	\$ 254,400.00 \$ 15,600.00	\$ 65.00 \$ 75.00	\$ 275,600.00 \$ 19,500.00	\$ 63.00 \$ 79.00	\$ 267,120.00 \$ 20,540.00
20	in Place, the Sum of: Bored 14*/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline under Sanitary Sewer Crossing,	LF	200		\$ 32,400.00		\$ 44,000.00	\$ 250.00	\$ 50,000.00	-	\$ <u>20,340.00</u> \$ 47,000.00
28	Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of: Bored 14%16% Steel Casing with 8% Certa-Lok (DR 18) Waterline under Sanitary Sewer Crossing, Isoladvine Comparing Eines Spacers and End Seale Complete in Places the Sum Sea	LF	70	\$ 162.00				\$ 260.00	\$ 18,200.00		
29	Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of: 8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of: Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe,	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 31	Complete in Place, the Sum of: Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA EA	10 5	\$ 6,300.00 \$ 300.00	\$ 63,000.00 \$ 1,500.00	\$ 6,000.00 \$ 250.00	\$ 60,000.00 \$ 1,250.00	\$ 6,700.00 \$ 500.00	\$ 67,000.00 \$ 2,500.00	\$ 6,514.00 \$ 300.00	\$ 65,140.00 \$ 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		\$ 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: 1* Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the	EA	32	\$ 800.00	\$ 25,600.00	\$ 1,000.00	\$ 32,000.00	\$ 850.00	\$ 27,200.00	\$ 746.00	\$ 23,872.00
34 35	1 Long Sue Server Repracement, including all rhungs and Appurchances, Complete in Prace, the Sum of: 6° Cut, Plug & Abandon, Complete in Place, the Sum of:	EA EA	32 3	\$ 950.00 \$ 1,150.00	\$ 30,400.00 \$ 3,450.00	\$ 1,500.00 \$ 1,500.00	\$ 48,000.00 \$ 4,500.00	\$ 1,000.00 \$ 600.00	\$ 32,000.00 \$ 1,800.00	\$ 1,290.00 \$ 700.00	\$ 41,280.00 \$ 2,100.00
36 37 38	8" Cut, Plug & Abandon, Complete in Place, the Sum of: 6" Wet Connection, Complete in Place, the Sum of: 8" Wet Connection, Complete in Place, the Sum of:	EA EA EA	3 2 3	\$ 1,200.00 \$ 1,500.00 \$ 1,500.00	\$ 3,600.00 \$ 3,000.00 \$ 4,500.00	\$ 1,500.00 \$ 1,500.00 \$ 1,500.00	\$ 4,500.00 \$ 3,000.00 \$ 4,500.00	\$ 800.00 \$ 700.00 \$ 900.00	\$ 2,400.00 \$ 1,400.00 \$ 2,700.00	\$ 850.00 \$ 1,900.00 \$ 2,073.00	\$ 2,550.00 \$ 3,800.00 \$ 6,219.00
38 39 40	Removal and Replacement of Existing Pavement, Complete in Place, the Sum of: Trench Safety System for all Water Mains, Complete in Place, the Sum of:	SY LF	360 1500	\$ 120.00	\$ 43,200.00 \$ 43,200.00 \$ 15.00	\$ 1,300.00 \$ 50.00 \$ 1.00	\$ 18,000.00 \$ 1,500.00	\$ 90.00 \$ 1.00	\$ 2,700.00 \$ 32,400.00 \$ 1,500.00	\$ 2,073.00 \$ 125.00 \$ 5.00	\$ 45,000.00
(D) P	TOTAL (C) HIGHLAND TERRACE SUBDIVISIO		1	Unit Price	\$ 561,275.00	Unit Price	\$ 526,500.00	Unit Price	\$ 562,680.00	Unit Price	\$ 575,391.00
41	2" PVC Class 200 Waterline by Primarily Auguered/Trenchless Construction, All Depths, Complete in Place, the Sum of: 6" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths,	LF LF	20 1930	\$ 20.00 \$ 58.00	\$ 400.00 \$ 111,940.00	\$ 20.00 \$ 50.00	\$ 400.00 \$ 96,500.00	\$ 50.00 \$ 59.00	\$ 1,000.00 \$ 113,870.00	\$ 25.00 \$ 51.00	\$ 500.00 \$ 98,430.00
42	Complete in Place, the Sum of: Bored 14"/16" Steel Casing with 6" PVC C-900 (DR 18) Waterline under Sanitary Sewer Crossing,	LF	60	\$ 150.00				\$ 195.00	\$ 11,700.00		\$ 14,100.00
44	Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of: Bored 14"/16" Steel Casing with 6" Cetta-Lok (DR 18) Waterline under Sanitary Sewer Crossing,	LF	100	\$ 150.00	\$ 15,000.00	\$ 220.00	\$ 22,000.00	\$ 200.00	\$ 20,000.00	\$ 235.00	\$ 23,500.00
45	Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of: 8" PVC C-900 (DR 18) Waterline by Primarily Auguered/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 %" PVC C-900 (DR 18) Waterline under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and End seals, Complete in Place, the Sum off. Bored 14"/16" Steel Casing with 8" Certa-Lok (DR 18) Waterline under Sanitary Sewer Crossing,	LF LF	60		\$ 9,600.00	\$ 220.00	\$ 13,200.00	\$ 250.00	\$ 15,000.00	\$ 235.00 \$ 235.00	\$ 14,100.00
48 49 50	Including Carrier Pipe, Spacers and End seals, Complete in Place, the Sum of: 6" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA EA	190 10 39	\$ 160.00 \$ 1,250.00 \$ 1,850.00	\$ 30,400.00 \$ 12,500.00 \$ 72,150.00	\$ 220.00 \$ 1,500.00 \$ 1,700.00	\$ 41,800.00 \$ 15,000.00 \$ 66,300.00	\$ 260.00 \$ 2,200.00 \$ 2,400.00	\$ 49,400.00 \$ 22,000.00 \$ 93,600.00	\$ 235.00 \$ 1,400.00 \$ 2,030.00	\$ 44,650.00 \$ 14,000.00 \$ 79,170.00
50 51 52	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of: 8"x8" Tapping Sleeve and Valves, Complete in Place, the Sum of: Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe,	EA	1	\$ 11,000.00	\$ 72,130.00 \$ 11,000.00 \$ 107,100.00	\$ 1,700.00 \$ 5,500.00 \$ 6,000.00	\$ 5,500.00 \$ 102,000.00	\$ 2,400.00 \$ 7,200.00 \$ 6,700.00	\$ 7,200.00	\$ 2,030.00 \$ 11,500.00 \$ 6,514.00	\$ 79,170.00 \$ 11,500.00 \$ 110,738.00
53	Complete in Place, the Sum of: (Red) Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	5		\$ 30,000.00	\$ 6,000.00	\$ 30,000.00	\$ 6,700.00	\$ 33,500.00	\$ 6,600.00	\$ 33,000.00
54 55	Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of: Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill,	EA EA	8 27	\$ 300.00 \$ 100.00	\$ 2,400.00 \$ 2,700.00	\$ 250.00 \$ 50.00	\$ 2,000.00 \$ 1,350.00	\$ 500.00 \$ 400.00	\$ 4,000.00 \$ 10,800.00	\$ 300.00 \$ 200.00	\$ 2,400.00 \$ 5,400.00
56	Complete in Place, the Sum of: 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 59	1-1/2" to 2" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of: 1-1/2" to 2" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in	EA EA	9	\$ 1,600.00 \$ 2,400.00	\$ 14,400.00 \$ 9,600.00	\$ 1,000.00 \$ 2,000.00	\$ 9,000.00 \$ 8,000.00	\$ 2,000.00 \$ 2,500.00	\$ 18,000.00 \$ 10,000.00	\$ 1,890.00 \$ 2,647.00	\$ 17,010.00 \$ 10,588.00
39	Place, the Sum of: Relocation of Water Meter (Rear Building to Street Right-of-Way), Including Removal and Salvage	LA									
60	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				\$ 3,500.00	\$ 35,000.00		
61 62 63	2° Cut, Plug & Abandon, Complete in Place, the Sum of: 4° Cut, Plug & Abandon, Complete in Place, the Sum of: 6° Cut, Plug & Abandon, Complete in Place, the Sum of:	EA EA EA	1 9 7	\$ 500.00 \$ 800.00 \$ 1,150.00	\$ 500.00 \$ 7,200.00 \$ 8,050.00	\$ 500.00 \$ 1,000.00 \$ 1,500.00	\$ 500.00 \$ 9,000.00 \$ 10,500.00	\$ 500.00 \$ 500.00 \$ 600.00	\$ 500.00 \$ 4,500.00 \$ 4,200.00	\$ 300.00 \$ 500.00 \$ 700.00	\$ 300.00 \$ 4,500.00 \$ 4,900.00
64 65	8" Cut, Plug & Abandon, Complete in Place, the Sum of: 2" Wet Connection, Complete in Place, the Sum of:	EA EA	2	\$ 1,200.00 \$ 700.00	\$ 2,400.00 \$ 700.00	\$ 1,500.00 \$ 500.00	\$ 3,000.00 \$ 500.00	\$ 800.00 \$ 600.00	\$ 1,600.00 \$ 600.00	\$ 850.00 \$ 300.00	\$ 1,700.00 \$ 300.00
66 67	6" Wet Connection, Complete in Place, the Sum of: 8" Wet Connection, Complete in Place, the Sum of:	EA EA SY	1 3 400	\$ 1,600.00 \$ 1,600.00 \$ 120.00	\$ 1,600.00 \$ 4,800.00 \$ 48,000.00	\$ 1,500.00 \$ 1,500.00 \$ 50.00	\$ 1,500.00 \$ 4,500.00 \$ 20,000.00	\$ 700.00 \$ 900.00 \$ 50.00	\$ 700.00 \$ 2,700.00 \$ 20,000.00	\$ 1,900.00 \$ 2,073.00 \$ 125.00	\$ 1,900.00 \$ 6,219.00 \$ 50,000.00
68 69	Removal and Replacement of Existing Pavement, Complete in Place, the Sum of: Trench Safety System for all Water Mains, Complete in Place, the Sum of: TOTAL (b) PECAN FOREST SUBDIVISIO	LF	1500		\$ 48,000.00 \$ 15.00 \$ 1,177,435.00	\$ 50.00 \$ 1.00	\$ 20,000.00 \$ 1,500.00 \$ 1,128,350.00	\$ 50.00 \$ 1.00	\$ 20,000.00 \$ 1,500.00 \$ 1,246,700.00	\$ 125.00 \$ 5.00	
(E) E 70 71	XTRA WORK BID ITEMS: Well Pointing System, all Depths, Complete in Place, the Sum of: Wet Condition Bedding, all Sizes, all Depths, Complete in Place, the Sum of:	LF LF	2,000	\$ 30.00 \$ 5.00	\$ 60,000.00 \$ 5,000.00	\$ 30.00 \$ 5.00	\$ 60,000.00 \$ 5,000.00	\$ 30.00 \$ 5.00	\$ 60,000.00 \$ 5,000.00	\$ 30.00 \$ 5.00	\$ 60,000.00 \$ 5,000.00
72 73	Extra Cement Stabilized Sand, Complete in Place, the Sum of: Extra 1" Polyethylene Service Tubing, Complete in Place, the Sum of:	CY LF	200 500	\$ 45.00 \$ 3.00	\$ 9,000.00 \$ 1,500.00	\$ 45.00 \$ 3.00	\$ 9,000.00 \$ 1,500.00	\$ 45.00 \$ 3.00	\$ 9,000.00 \$ 1,500.00	\$ 45.00 \$ 3.00	\$ 9,000.00 \$ 1,500.00
74 75	Extra 1-1/2" to 2" Polyethylene Service Tubing, Complete in Place, the Sum of: Installation of New Meter Box, Per Detail, at Locations Approved by the City, Complete in Place, the Sum of:	LF EA	200 10	\$ 4.00 \$ 100.00	\$ 800.00 \$ 1,000.00	\$ 4.00 \$ 100.00	\$ 800.00 \$ 1,000.00	\$ 4.00 \$ 100.00	\$ 800.00 \$ 1,000.00	\$ 4.00 \$ 100.00	\$ 800.00 \$ 1,000.00
76	Solid Sheet Shoring, Ordered Left in Place, all Sizes, Complete in Place, the Sum of: Brace, Support, and Protect Utility Structures, Complete in Place, the Sum of:	LF EA	100 15	\$ 25.00 \$ 500.00	\$ 2,500.00 \$ 7,500.00	\$ 25.00 \$ 500.00	\$ 2,500.00 \$ 7,500.00	\$ 25.00 \$ 750.00	\$ 2,500.00 \$ 11,250.00 \$ 1500.00	\$ 25.00 \$ 500.00	\$ 2,500.00 \$ 7,500.00
78 (F) A	Extra Bank Sand, Complete in Place, the Sum of: TOTAL (E) EXTRA WOR DD ALTERNATE NO. 1 (BERN, BODEN, AND ABILENE) BID ITEMS:	CY RK BID	100 ITEMS:	\$ 15.00	\$ 1,500.00 \$ 88,800.00	\$ 15.00	\$ 1,500.00 \$ 88,800.00	\$ 15.00	\$ 1,500.00 \$ 92,550.00	\$ 15.00	\$ 1,500.00 \$ 88,800.00
79	Site Restoration, Including all Pavement Repairs and Pavement Marking Replacement, Complete in Place, the Sum of:	LF	2,780	\$ 5.00	\$ 13,900.00	\$ 5.00	\$ 13,900.00	\$ 5.00	\$ 13,900.00	\$ 5.00	\$ 13,900.00
80 81	8" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, all Depths, Complete in Place, the Sum of: 8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, all Depths, Complete	LF LF	2,640 140	\$ 70.00 \$ 77.00	\$ 184,800.00 \$ 10,780.00	\$ 60.00 \$ 60.00		\$ 65.00 \$ 75.00			\$ 158,400.00 \$ 8,820.00
81 82 83	in Place, the Sum of: 8" Resilient Stated Gate Valve with Box, Complete in Place, the Sum of: 8"x8" Tapping Slever and Valves, Complete in Place, the Sum of:	LF EA EA	140 6 2	\$ 77.00 \$ 1,850.00 \$ 11,000.00	\$ 10,780.00 \$ 11,100.00 \$ 22,000.00	\$ 60.00 \$ 1,700.00 \$ 5,500.00	\$ 8,400.00 \$ 10,200.00 \$ 11,000.00	\$ 75.00 \$ 2,400.00 \$ 7,200.00	\$ 10,500.00 \$ 14,400.00 \$ 14,400.00	\$ 63.00 \$ 2,030.00 \$ 11,500.00	\$ 8,820.00 \$ 12,180.00 \$ 23,000.00
84	Fire Hydrant Assembly installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	6	\$ 6,300.00	\$ 37,800.00	\$ 6,000.00	\$ 36,000.00	\$ 6,700.00	\$ 40,200.00	\$ 6,514.00	\$ 39,084.00
85 86	Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of: Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill/Cement Fill, Complete in Place, the Sum of:	EA EA	2	\$ 300.00 \$ 100.00	\$ 600.00 \$ 100.00	\$ 250.00 \$ 50.00	\$ 500.00 \$ 50.00	\$ 500.00 \$ 300.00	\$ 1,000.00 \$ 300.00	\$ 300.00 \$ 200.00	
87	1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	4	\$ 800.00	\$ 3,200.00	\$ 1,000.00	\$ 4,000.00	\$ 850.00	\$ 3,400.00		\$ 2,984.00
88 89	1 ⁿ Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of: 1-1/2 ⁺ to 2 ⁿ Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in	EA EA	7	\$ 950.00 \$ 2,400.00	\$ 6,650.00 \$ 2,400.00	\$ 1,500.00 \$ 2,000.00	\$ 10,500.00 \$ 2,000.00	\$ 1,000.00 \$ 3,000.00	\$ 7,000.00 \$ 3,000.00	\$ 1,290.00 \$ 1,890.00	\$ 9,030.00 \$ 1,890.00
89 90 91	Place, the Sum of: 2" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	1 2 2	\$ 500.00	\$ 1,000.00	\$ 2,000.00 \$ 500.00 \$ 1,500.00	\$ 1,000.00	\$ 500.00	\$ 3,000.00 \$ 1,000.00 \$ 1,600.00	\$ 300.00	
91 92 93		EA EA LF	2 1 1,000	+ .,	\$ 2,500.00 \$ 1,700.00 \$ 10.00	\$ 1,500.00 \$ 1,500.00 \$ 1.00	\$ 3,000.00 \$ 1,500.00 \$ 1,000.00	\$ 800.00 \$ 900.00 \$ 1.00	\$ 1,600.00 \$ 900.00 \$ 1,000.00	\$ 850.00 \$ 2,073.00 \$ 5.00	\$ 1,700.00 \$ 2,073.00 \$ 5,000.00
	TOTAL (F) ADD ALTERNATE NO. 1 (BERN, BODEN, AND ABILEN	E) BID	ITEMS:		\$ 298,540.00		\$ 261,450.00		\$ 284,200.00		\$ 279,461.00
	TOTAL BASE BID (A + B + C + TOTAL ADD ALTERNATE NO.				\$ 2,973,025.00 \$ 298,540.00		\$ 2,841,050.00 \$ 261,450.00		\$ 3,011,610.00 \$ 284,200.00		\$ 3,137,162.00 \$ 279,461.00
	TOTAL CALEND	AYS BID:		300		420		310		270	
	VALUE OF CALENDAR DA' DIFFERENCE IN DAYS COMPARED TO LOWEST DAYS BIL A+B TO BE ADDED TO BASE BIL				\$ 1,500.00 - \$ -		\$ 1,500.00 120 \$ 180,000.00		\$ 1,500.00 10 \$ 15,000.00		\$ 1,500.00 (30) \$ (45,000.00)
			OTAL:		\$ 3,271,565.00		\$ 3,282,500.00		\$ 3,310,810.00		\$ 3,371,623.00
	MATHEMATICAL ERROR CORRECTED BY ENGINEER									L	

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

			1			1		1	
NO.	ITEM DESCRIPTION	UNIT	QUAN.		dustries, LLC.	V&S Constru	ction Company		Services, LLC.
1	neral Bid Items: Mobilization (Not to Exceed 4% of Bid), Complete in Place, the Sum of:	LS	1	Unit Price \$ 100,000.00	\$ 100,000.00		\$ 105,000.00	Unit Price \$ 75,000.00	\$ 75,000.00
2	Traffic Control and Regulation, Complete in Place, the Sum of: Tree and Plant Protection (Including Pruning, Fencing and Tree Removal), Complete in Place, the	LS LS	1	\$ 15,000.00 \$ 5,000.00	\$ 15,000.00 \$ 5,000.00	\$ 28,000.00 \$ 37,000.00	\$ 28,000.00 \$ 37,000.00	\$ 20,000.00 \$ 6,500.00	\$ 20,000.00 \$ 6,500.00
4	Sum of: Critical Investigation Work, Including Locating Existing Water Line and Underground Utilities as	LS	1	\$ 15,000.00	\$ 15,000.00		\$ 22,000.00		\$ 15,000.00
	Needed to Facilitate the Proposed Water Line Installation, Complete in Place, the Sum of: Site Restoration, Including Pavement Repairs and Pavement Marking Replacement, Complete in	LF	21100	\$ 10,000.00	\$ 168,800.00		\$ 126,600.00	\$ 5.00	\$ 105,500.0
5	Place, the Sum of: 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	\$ 50,000.0
	TOTAL (A) GENER EAR CREEK HEIGHTS SUBDIVISON BID ITEMS: 6" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths,	AL BID	TIEMS:	Unit Price	\$ 353,800.00	Unit Price	\$ 368,600.00	Unit Price	\$ 272,000.0
/	6 PVC C-900 (DK 18) Waterline by Primarily Auguered Trenchess Construction, All Depths, Complete in Place, the Sum of: 8" PVC C-900 (DK 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths,	LF LF	70	\$ 47.00 \$ 61.00	\$ 3,290.00 \$ 418.460.00	\$ 61.00 \$ 57.00	\$ 4,270.00		\$ 3,920.0 \$ 541,940.0
8	Complete in Place, the Sum of: 8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete	LF	6860 380	\$ 61.00 \$ 68.00	\$ 418,460.00 \$ 25,840.00		\$ 391,020.00 \$ 25,080.00	\$ 79.00 \$ 90.00	\$ 541,940.0 \$ 34,200.0
10	in Place, the Sum of: Bored 14"/16" Steel Casing with 8" PVC C-900 (DR 18) Waterline Under Sanitary Sewer Crossing,	LF	80	\$ 188.00	\$ 15,040.00		\$ 12,960.00		\$ 16,800.0
	Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of: 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	\$ 1,600.0
12 13	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of: 8"x8" Tapping Sleeve and Valves, Complete in Place, the Sum of:	EA EA	15 6	\$ 2,453.00 \$ 12,283.00	\$ 36,795.00 \$ 73,698.00		\$ 31,500.00 \$ 36,000.00	\$ 2,300.00 \$ 9,000.00	\$ 34,500.0 \$ 54,000.0
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	\$ 112,100.0
15 16	(Red) Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of: Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA EA	1 6	\$ 6,925.00 \$ 500.00	\$ 6,925.00 \$ 3,000.00	\$ 6,800.00 \$ 400.00	\$ 6,800.00 \$ 2,400.00	\$ 6,000.00 \$ 1,300.00	\$ 6,000.0 \$ 7,800.0
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	\$ 5,600.0
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	\$ 42,250.0
19 20	1 ⁿ Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of: 4 ^o Cut, Plug & Abandon, Complete in Place, the Sum of:	EA EA	75 6	\$ 1,290.00 \$ 641.00	\$ 96,750.00 \$ 3,846.00	\$ 2,300.00 \$ 500.00	\$ 172,500.00 \$ 3,000.00	\$ 1,500.00 \$ 450.00	\$ 112,500.0 \$ 2,700.0
21	6" Cut, Plug & Abandon, Complete in Place, the Sum of: Removal and Replacement of Existing Pavement, Complete in Place, the Sum of:	EA SY	5 90	\$ 965.00 \$ 120.00	\$ 4,825.00 \$ 10,800.00	\$ 500.00 \$ 120.00	\$ 2,500.00 \$ 10,800.00	\$ 650.00 \$ 250.00	\$ 3,250.0 \$ 22,500.0
	Trench Safety System for all Water Mains, Complete in Place, the Sum of: TOTAL (B) CLEAR CREEK HEIGHTS SUBDIVISO	LF DN BID	1500 ITEMS:	\$ 0.01	\$ 15.00 \$ 906,589.00		\$ 750.00 \$ 925,980.00	\$ 1.00	\$ 1,500.0 \$ 1,003,160.0
24 24	HLAND TERRACE SUBDIVISION BID ITEMS: 6° PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths, Complete in Place to Sum of the State S	LF	20	\$ 47.00	\$ 940.00	Unit Price \$ 100.00	\$ 2,000.00	Unit Price \$ 56.00	\$ 1,120.0
25	Complete in Place, the Sum of: 8" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths, Complete in Place, the Sum of:	LF	4240	\$ 62.00	\$ 262,880.00		\$ 241,680.00	\$ 79.00	\$ 334,960.0
26	Complete in Place, ine Sum of: "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	\$ 23,400.0
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	\$ 42,000.0
28	Bored 14"/16" Steel Casing with 8" Certa-Lok (DR 18) Waterline under Sanitary Sewer Crossing, Including Carrier Pipe, Spacers and Ed Scala, Complete in Place, the Sum of:	LF	70	\$ 188.00	\$ 13,160.00	\$ 160.00	\$ 11,200.00	\$ 210.00	\$ 14,700.0
	Resulting Carrier Pipe, spaces and End sears, Complete in Piace, the Sum of: "Resilient Seated Gate Valve with Box, Complete in Place, the Sum of: Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe,	EA	11	\$ 2,453.00 \$ 7,032.00	\$ 26,983.00 \$ 70.320.00		\$ 23,100.00 \$ 68,000.00	\$ 2,300.00 \$ 6,500.00	\$ 25,300.0 \$ 65,000.0
30 31	Complete in Place, the Sum of: Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of:	EA EA	10 5	\$ 7,032.00 \$ 500.00	\$ 70,320.00 \$ 2,500.00	\$ 6,800.00 \$ 400.00	\$ 68,000.00 \$ 2,000.00	\$ 6,500.00 \$ 1,200.00	\$ 65,000.0 \$ 6,000.0
31	Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill,	EA	3	\$ 350.00 \$ 350.00	\$ 2,500.00 \$ 1,050.00	\$ 400.00 \$ 200.00	\$ 600.00	\$ 1,200.00 \$ 450.00	\$ 1,350.0
33	Complete in Place, the Sum of: 1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	32	\$ 1,081.00	\$ 34,592.00		\$ 48,000.00		\$ 20,800.0
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		\$ 73,600.00		\$ 48,000.0
36	6" Cut, Plug & Abandon, Complete in Place, the Sum of: 8" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA EA	3	\$ 965.00 \$ 1,092.00	\$ 2,895.00 \$ 3,276.00		\$ 1,500.00 \$ 2,100.00	\$ 650.00 \$ 850.00	\$ 1,950.0 \$ 2,550.0
38	6" Wet Connection, Complete in Place, the Sum of: 8" Wet Connection, Complete in Place, the Sum of: Removal and Replacement of Existing Pavement, Complete in Place, the Sum of:	EA EA SY	2 3 360	\$ 1,164.00 \$ 1,229.00 \$ 120.00	\$ 2,328.00 \$ 3,687.00 \$ 43,200.00		\$ 2,200.00 \$ 6,600.00 \$ 39,600.00	\$ 2,000.00 \$ 3,000.00 \$ 210.00	\$ 4,000.0 \$ 9,000.0 \$ 75,600.0
	Trench Safety System for all Water Mains, Complete in Place, the Sum of: TOTAL (C) HIGHLAND TERRACE SUBDIVISI	LF	1500	\$ 0.01	\$ 15.00 \$ 564,386.00	\$ 0.50	\$ 750.00 \$ 574,630.00	\$ 1.00	\$ 1,500.0 \$ 677,230.0
0) PE	CAN FOREST SUBDIVISION BID ITEMS: 2" PVC Class 200 Waterline by Primarily Auguered/Trenchless Construction, All Depths, Complete	LF	20	Unit Price \$ 33.00		Unit Price	\$ 640.00	Unit Price \$ 50.00	\$ 1,000.0
41	in Place, the Sum of: 6" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths,	LF	1930	\$ 33.00 \$ 52.00	\$ 660.00 \$ 100,360.00	\$ 32.00 \$ 51.00	\$ 98,430.00	\$ 50.00	\$ 1,000.0 \$ 115,800.0
43	Complete in Place, the Sum of: Bored 14"/16" Steel Casing with 6" PVC C-900 (DR 18) Waterline under Sanitary Sewer Crossing,	LF	60	\$ 170.00	\$ 10,200.00		\$ 8,400.00	•	\$ 12,600.0
	Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of: Bored 14"/16" Steel Casing with 6" Certa-Lok (DR 18) Waterline under Sanitary Sewer Crossing,								
44 45	Including Carrier Pipe, Spacers and End Seals, Complete in Place, the Sum of: 8" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, All Depths,	LF LF	100 6470	\$ 176.00 \$ 63.00	\$ 17,600.00 \$ 407,610.00	\$ 140.00 \$ 58.00	\$ 14,000.00 \$ 375,260.00	\$ 210.00 \$ 79.00	\$ 21,000.0 \$ 511,130.0
46	Complete in Place, the Sum of: 8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, All Depths, Complete	LF	690	\$ 67.00	\$ 46,230.00		\$ 41,400.00	\$ 90.00	\$ 62,100.0
47	in Place, the Sum of: 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		\$ 9,120.00		\$ 12,600.0
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	\$ 39,900.0
49 50	6" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of: 8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA EA	10 39	\$ 1,791.00 \$ 2,453.00	\$ 17,910.00 \$ 95,667.00	\$ 2,100.00	\$ 15,000.00 \$ 81,900.00	\$ 1,600.00 \$ 2,300.00	\$ 16,000.0 \$ 89,700.0
51 52	8"x8" Tapping Sleeve and Valves, Complete in Place, the Sum of: Fire Hydrant Assembly Installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA EA	1	\$ 12,283.00 \$ 6,820.00	\$ 12,283.00 \$ 115,940.00	\$ 6,100.00 \$ 6,500.00	\$ 6,100.00 \$ 110,500.00	\$ 9,000.00 \$ 6,300.00	\$ 9,000.0 \$ 107,100.0
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	\$ 31,500.0
54 55	Remove and Dispose Existing Fire Hydrant Assembly, Complete in Place, the Sum of: Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill and Cement Fill,	EA EA	8 27	\$ 500.00 \$ 350.00	\$ 4,000.00 \$ 9,450.00	\$ 400.00 \$ 200.00	\$ 3,200.00 \$ 5,400.00	\$ 1,200.00 \$ 650.00	\$ 9,600.0 \$ 17,550.0
56	Complete in Place, the Sum of: 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	\$ 72,250.0
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	\$ 121,500.0
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	\$ 12,150.0
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	\$ 9,200.0
	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	\$ 35,000.0
61	2" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	1	\$ 514.00	\$ 514.00	\$ 400.00	\$ 400.00	\$ 450.00	\$ 450.0
	4" Cut, Plug & Abandon, Complete in Place, the Sum of: 6" Cut, Plug & Abandon, Complete in Place, the Sum of: 8" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA EA EA	9 7 2	\$ 641.00 \$ 965.00 \$ 1,092.00	\$ 5,769.00 \$ 6,755.00 \$ 2,184.00		\$ 3,600.00 \$ 4,200.00 \$ 1,500.00	\$ 550.00 \$ 650.00 \$ 750.00	\$ 4,950.0 \$ 4,550.0 \$ 1,500.0
64 65 66	8° Cut, Plug & Abandon, Complete in Place, the Sum of: 2° Wet Connection, Complete in Place, the Sum of: 6° Wet Connection, Complete in Place, the Sum of:	EA EA EA	2 1 1	\$ 1,092.00 \$ 910.00 \$ 1,164.00	\$ 2,184.00 \$ 910.00 \$ 1,164.00	\$ 500.00	\$ 1,500.00 \$ 500.00 \$ 1,300.00	\$ 750.00 \$ 1,000.00 \$ 1,500.00	\$ 1,500.0 \$ 1,000.0 \$ 1,500.0
67	o wet connection, Complete in Prace, the Sum of: 8 Wet Connection, Complete in Place, the Sum of: Removal and Replacement of Existing Pavement, Complete in Place, the Sum of:	EA EA SY	3 400	\$ 1,164.00 \$ 1,230.00 \$ 120.00	\$ 1,184.00 \$ 3,690.00 \$ 48,000.00	\$ 1,300.00 \$ 2,200.00 \$ 110.00	\$ 1,300.00 \$ 6,600.00 \$ 44,000.00	\$ 1,500.00 \$ 2,200.00 \$ 210.00	\$ 1,500.0 \$ 6,600.0 \$ 84,000.0
69	Trench Safety System for all Water Mains, Complete in Place, the Sum of: TOTAL (D) PECAN FOREST SUBDIVISIO	LF	1500	\$ 0.01	\$ 15.00 \$ 1,226,872.00	\$ 0.50	\$ 750.00 \$ 1,279,820.00	\$ 1.00	\$ 1,500.0 \$ 1,412,730.0
70	IRA WORK BID ITEMS: Well Pointing System, all Depths, Complete in Place, the Sum of:	LF	2,000	\$ 30.00	\$ 60,000.00		\$ 60,000.00 \$ 5,000.00	\$ 30.00	\$ 60,000.0
71 72 73	Wet Condition Bedding, all Sizes, all Depths, Complete in Place, the Sum of: Extra Cement Stabilized Sand, Complete in Place, the Sum of: Extra 1° Polyethylene Service Tubing, Complete in Place, the Sum of:	LF CY LF	1,000 200 500	\$ 5.00 \$ 45.00 \$ 3.00	\$ 5,000.00 \$ 9,000.00 \$ 1,500.00	\$ 45.00	\$ 5,000.00 \$ 9,000.00 \$ 1,500.00	\$ 5.00 \$ 45.00 \$ 3.00	\$ 5,000.0 \$ 9,000.0 \$ 1,500.0
74 75	Extra 1-1/2" to 2" Polyethylene Service Tubing, Complete in Place, the Sum of: Installation of New Meter Box, Per Detail, at Locations Approved by the City, Complete in Place,	LF	200	\$ 3.00 \$ 4.00 \$ 100.00	\$ 1,000.00 \$ 800.00 \$ 1,000.00	\$ 3.00 \$ 4.00 \$ 100.00	\$ 1,000.00 \$ 1,000.00	\$ 3.00 \$ 4.00 \$ 100.00	\$ 1,000.0 \$ 1,000.0
76	the Sum of: Solid Sheet Shoring, Ordered Left in Place, all Sizes, Complete in Place, the Sum of: Brace Support and Protect Utility Structures, Complete in Place, the Sum of:	LF EA	100 100 15	\$ 25.00 \$ 500.00	\$ 2,500.00 \$ 7,500.00	\$ 100.00 \$ 25.00 \$ 500.00	\$ 2,500.00 \$ 7,500.00	\$ 100.00 \$ 25.00 \$ 500.00	\$ 2,500.0 \$ 7,500.0
	Brace, Support, and Protect Utility Structures, Complete in Place, the Sum of: Extra Bank Sand, Complete in Place, the Sum of: TOTAL (E) EXTRA WO	CY	100	\$ 500.00 \$ 15.00	\$ 7,500.00 \$ 1,500.00 \$ 88,800.00	\$ 500.00 \$ 15.00	\$ 7,500.00 \$ 1,500.00 \$ 88,800.00	\$ 500.00 \$ 15.00	\$ 7,500.0 \$ 1,500.0 \$ 88,800.0
7) ADI	ALTERNATE NO. 1 (BERN, BODEN, AND ABILENE) BID ITENS: Site Restoration, Including all Pavement Repairs and Pavement Marking Replacement, Complete in	LF	2,780	\$ 8.00		\$ 6.00		\$ 20.00	
79 80	Place, the Sum of: 8" PVC C-900 (DR 18) Waterline by Primarily Auguered/Trenchless Construction, all Depths,	LF	2,780 2,640	\$ 8.00 \$ 61.00	\$ 22,240.00 \$ 161,040.00		\$ 16,680.00 \$ 166,320.00	\$ 20.00 \$ 85.00	\$ 55,600.0 \$ 224,400.0
81	Complete in Place, the Sum of: 8" PVC Certa-Lok (DR18) Waterline by Mandatory Trenchless Construction, all Depths, Complete in Place, the Sum of:	LF	140	\$ 68.00	\$ 9,520.00		\$ 10,080.00	\$ 95.00	\$ 13,300.0
82 83	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of: 8"x8" Tapping Sleeve and Valves, Complete in Place, the Sum of:	EA EA	6 2	\$ 2,454.00 \$ 12,283.00	\$ 14,724.00 \$ 24,566.00	\$ 2,900.00 \$ 6,000.00	\$ 17,400.00 \$ 12,000.00	\$ 2,300.00 \$ 9,000.00	\$ 13,800.0 \$ 18,000.0
84	Fire Hydrant Assembly installed on New Water Main, Including Gate Valve and Lead Pipe, Complete in Place, the Sum of:	EA	6	\$ 6,771.00	\$ 40,626.00		\$ 39,000.00		\$ 37,800.0
85 86	Remove and Dispose Existing Fire Hydrant Assembly. Complete in Place, the Sum of: Abandon Existing Valve, Includes Removal and Disposal of Box, Lid, and Backfill/Cement Fill, Complete in Place, the Sum of:	EA EA	2	\$ 500.00 \$ 350.00	\$ 1,000.00 \$ 350.00	\$ 200.00 \$ 200.00	\$ 400.00 \$ 200.00	\$ 1,200.00 \$ 600.00	\$ 2,400.0 \$ 600.0
87	1" Short Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	4	\$ 466.00	\$ 1,864.00	\$ 1,700.00	\$ 6,800.00	\$ 650.00	\$ 2,600.0
88	1" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of:	EA	7	\$ 674.00	\$ 4,718.00	\$ 1,900.00	\$ 13,300.00	\$ 1,300.00	\$ 9,100.0
89 90	1-1/2" to 2" Long Side Service Replacement, Including all Fittings and Appurtenances, Complete in Place, the Sum of: 2" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA EA	1	\$ 3,324.00 \$ 1,105.00	\$ 3,324.00 \$ 2,210.00		\$ 4,200.00 \$ 800.00	\$ 2,300.00 \$ 450.00	\$ 2,300.0 \$ 900.0
	2 'Cut, Plug & Abandon, Complete in Place, the Sum of: 8" 'Cut, Plug & Abandon, Complete in Place, the Sum of: 8" Wet Connection, Complete in Place, the Sum of:	EA EA EA	2 2 1	\$ 1,105.00 \$ 895.00 \$ 1,136.00	\$ 2,210.00 \$ 1,790.00 \$ 1,136.00	\$ 700.00	\$ 800.00 \$ 1,400.00 \$ 2,300.00	\$ 450.00 \$ 800.00 \$ 2,300.00	\$ 1,600.0
	Trench Safety System for all Water Mains, Complete in Place, the Sum of: TOTAL (F) ADD ALTERNATE NO. 1 (BERN, BODEN, AND ABILEN	LF	1,000 ITEMS:	\$ 0.01	\$ 10.00 \$ 289,118.00	\$ 0.50		\$ 1.00	
	TOTAL BASE BID (A + B + C +	+ D + E) ITEMS:		\$ 3,140,447.00		\$ 3,237,830.00		\$ 3,453,920.0
	TOTAL ADD ALTERNATE NO.				\$ 289,118.00		\$ 291,380.00		\$ 385,700.0
	TOTAL CALENC VALUE OF CA		AR DAY:		285 \$ 1,500.00		230 \$ 1,500.00		21 \$ 1,500.0
				1	(15		(70)		(9
	DIFFERENCE IN DAYS COMPARED TO LOW A+B TO BE ADDED				\$ (22,500.00		\$ (105,000.00)		\$ (135,000.0