



August 29, 2024

Ms. Susan Oyler, P.E.
Senior Project Manager
City of League City
300 W. Walker St.
League City, Texas 77573

Re: **Letter of Recommendation – East Main 24” Force Main Replacement Project (CIP No. WW 1801-I)**
Bid No. 24-050
ARKK Job No. 22-043

Dear Ms. Oyler:

On August 26, 2024, the City of League City received bids for the above referenced project. This project includes replacement of approximately 5,300 L.F. of an existing 24-inch diameter sanitary sewer force main serving the East Main Lift Station along FM 2094. The project also includes grout fill abandonment of the existing force main.

1. Bid Tabulation Sheet – Five (5) construction firms participated in the bidding process. The bids from Cracon, Inc. and Tejas Underground Utilities, LLC were not considered as they were deemed non-responsive by the City. The remaining three (3) bids to be considered were checked for mathematical errors and/or bid irregularities.
2. Our review of the bid tabulation confirms that **ISJ Underground Utilities, LLC.** is the low bidder after considering the number of calendar days in the A+B bidding formula.
3. 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.)
4. The bids for the project are as follows:

<u>Bidder</u>	<u>Total Bid Amount</u>	<u>Total Calendar Days</u>
ISJ Underground Utilities, LLC	\$ 3,247,245.00	150
Lopez Utilities Contractor, LLC.	\$ 3,579,135.00	300
Persons Services Corp	\$ 6,390,024.00	425

ISJ Underground Utilities, LLC was the lowest bidder for this project, and they submitted a list of qualifications. Based on the information provided, ISJ Underground Utilities has completed projects of similar scope and size to this project, performing both as a prime contractor and a subcontractor.

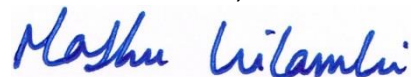
ARKK's staff met with ISJ Underground Utilities' management team, including their boring subcontractor, to have a detailed discussion of the project requirements and expectations. ISJ Underground Utilities' management team discussed their proposed plan to ARKK and provided information that shows that the management team has extensive experience with projects of similar nature and scope, and they have completed numerous similar projects as a subcontractor. The management team also indicated 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. They also indicated that they firmly stand by their bid and are excited to work for the City of League City on this very important project. ISJ Underground Utilities, LLC is currently working on the construction of the **Mary Lane and Tallow Forest Water Line and Force Main Project (CIP No. WT 1904H)**, and the project construction is being performed in a satisfactory manner.

ISJ Underground Utilities, LLC 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 **East Main 24" Force Main Replacement Project to ISJ Underground Utilities, LLC for a total amount of \$3,247,245.00.**

If you have any questions, please contact me.

Sincerely,

ARKK ENGINEERS, LLC



Mr. Madhu Kilambi, P.E.

Senior Project Manager

Attachments: Bid Tabulation

East Main 24" Force Main Replacement Project
Bid No. 24-050

						LOW BIDDER					
ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN.	Engineers Estimate		ISJ Underground Utilities, LLC.		Lopez Utilities Contractor, LLC.		Persons Services Corp	
(A) GENERAL ITEMS											
1	Mobilization (Not to Exceed 4% of Total Bid), Complete in Place, the Sum of:	LS	1	105,000.00	\$ 105,000.00	\$ 125,000.00	\$ 125,000.00	\$ 110,000.00	\$ 110,000.00	\$ 239,894.00	\$ 239,894.00
2	Project Identification Sign Per Detail:	EA	2	1,500.00	\$ 3,000.00	\$ 1,250.00	\$ 2,500.00	\$ 1,200.00	\$ 2,400.00	\$ 2,333.00	\$ 4,666.00
3	Clearing and Grubbing of Proposed Sanitary Sewer Easement, Complete in Place, the Sum of:	AC	1	15,000.00	\$ 7,500.00	\$ 30,000.00	\$ 15,000.00	\$ 4,000.00	\$ 2,000.00	\$ 42,750.00	\$ 21,375.00
4	Traffic Control and Regulation, Complete in Place, the Sum of:	LS	1	50,000.00	\$ 50,000.00	\$ 20,000.00	\$ 20,000.00	\$ 50,000.00	\$ 50,000.00	\$ 159,750.00	\$ 159,750.00
5	Tree and Plant Protection, including Fencing, Clearance Pruning, and Root Pruning as Identified on the Tree Protection Plans, Complete in Place, the Sum of:	LS	1	25,000.00	\$ 25,000.00	\$ 15,000.00	\$ 15,000.00	\$ 12,000.00	\$ 12,000.00	\$ 156,565.00	\$ 156,565.00
6	Allowance for Purchasing Credits in City's Tree Trust Fund for Ordinance Tree Replacement Plantings (Fixed Amount of \$84,000):	AL	1	84,000.00	\$ 84,000.00	\$ 84,000.00	\$ 84,000.00	\$ 84,000.00	\$ 84,000.00	\$ 84,000.00	\$ 84,000.00
7	Critical Investigation Work, including locating existing underground utility lines as needed to facilitate the proposed force main installation, Complete in Place, the Sum of:	LS	1	30,000.00	\$ 30,000.00	\$ 3,500.00	\$ 3,500.00	\$ 8,500.00	\$ 8,500.00	\$ 203,750.00	\$ 203,750.00
8	Inlet Protection Barrier (All-Types), Complete in Place, the Sum of:	EA	9	250.00	\$ 2,250.00	\$ 50.00	\$ 450.00	\$ 450.00	\$ 4,050.00	\$ 135.00	\$ 1,215.00
9	Reinforced Filter Fabric Fence, Complete in Place, the Sum of:	LF	3,700	5.00	\$ 18,500.00	\$ 0.10	\$ 370.00	\$ 4.50	\$ 16,650.00	\$ 3.20	\$ 11,840.00
10	Stabilized Construction Exit, including Maintenance and Removal, Complete in Place, the Sum of:	SY	250	30.00	\$ 7,500.00	\$ 10.00	\$ 2,500.00	\$ 45.00	\$ 11,250.00	\$ 60.50	\$ 15,125.00
11	20" PVC C-900 (DR 25) Sanitary Sewer Force Main (Green Color), Open Cut Construction, Complete in Place, the Sum of:	LF	90	250.00	\$ 22,500.00	\$ 265.50	\$ 23,895.00	\$ 305.00	\$ 27,450.00	\$ 526.00	\$ 47,340.00
12	24" PVC C-900 (DR 25) Sanitary Sewer Force Main (Green Color), Open Cut Construction, Complete in Place, the Sum of:	LF	3,830	250.00	\$ 957,500.00	\$ 221.00	\$ 846,430.00	\$ 340.00	\$ 1,302,200.00	\$ 366.00	\$ 1,401,780.00
13	24" RJ PVC C-900 (DR 25) Sanitary Sewer Force Main (Green Color), Mandatory Trenchless Construction, Complete in Place, the Sum of:	LF	540	450.00	\$ 243,000.00	\$ 338.50	\$ 182,790.00	\$ 410.00	\$ 221,400.00	\$ 973.00	\$ 525,420.00
14	24" RJ PVC C-900 (DR 25) Sanitary Sewer Force Main (Green Color) in 36" Steel Casing including Casing Spacers and End Seals, Mandatory Trenchless Construction, Complete in Place, the Sum of:	LF	765	750.00	\$ 573,750.00	\$ 1,107.00	\$ 846,855.00	\$ 645.00	\$ 493,425.00	\$ 2,162.00	\$ 1,653,930.00
15	24" Gate Valve and Box, Resilient Wedge NRS, Mechanical Joint Ends, Complete in Place, the Sum of:	EA	4	30,000.00	\$ 120,000.00	\$ 64,528.50	\$ 258,114.00	\$ 36,500.00	\$ 146,000.00	\$ 38,000.00	\$ 152,000.00
16	Air/Vacuum Release Valve Assembly (H-TEC 986 SS ARV Groundset Assembly per Detail), Complete in Place, the Sum of:	EA	5	25,000.00	\$ 125,000.00	\$ 33,782.00	\$ 168,910.00	\$ 23,000.00	\$ 115,000.00	\$ 113,868.00	\$ 569,340.00
17	Connect to Existing 20" Force Main, including Plugs and Couplings, Complete in Place, the Sum of:	EA	1	7,500.00	\$ 7,500.00	\$ 6,000.00	\$ 6,000.00	\$ 15,000.00	\$ 15,000.00	\$ 14,404.00	\$ 14,404.00
18	Connect to Existing 24" Force Main, including Plugs and Couplings, Complete in Place, the Sum of:	EA	5	10,000.00	\$ 50,000.00	\$ 7,000.00	\$ 35,000.00	\$ 9,200.00	\$ 46,000.00	\$ 21,880.00	\$ 109,400.00
19	6' Dia. Concrete Manhole (including Warren Epoxy 301-14, 100 mils min.), including Removal of Existing Manhole, Complete in Place, the Sum of:	EA	1	25,000.00	\$ 25,000.00	\$ 23,941.00	\$ 23,941.00	\$ 26,500.00	\$ 26,500.00	\$ 27,491.00	\$ 27,491.00
20	Connect 20" Force Main to Existing Manhole (Watertight Connection), Complete in Place, the Sum of:	EA	1	5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00	\$ 12,000.00	\$ 12,000.00	\$ 7,614.00	\$ 7,614.00
21	Apply Warren Epoxy 301-14 Wall Liner (100 mils min.) to Existing Manhole, Complete in Place the Sum of:	VF	8	400.00	\$ 3,200.00	\$ 1,000.00	\$ 8,000.00	\$ 500.00	\$ 4,000.00	\$ 1,744.00	\$ 13,952.00
22	Abandon and Grout Fill Existing 24" Force Main, Complete in Place, the Sum of:	LF	5,220	30.00	\$ 156,600.00	\$ 15.00	\$ 78,300.00	\$ 38.00	\$ 198,360.00	\$ 51.00	\$ 266,220.00
23	Abandon and Fill Existing Air Release Valve Manhole, Complete in Place, the Sum of:	EA	3	1,000.00	\$ 3,000.00	\$ 3,000.00	\$ 9,000.00	\$ 1,200.00	\$ 3,600.00	\$ 2,492.00	\$ 7,476.00
24	Remove and Replace 12" Sanitary Sewer (PVC SDR 26) as needed to facilitate bore pits, including Bypass Pumping, Complete in Place, the Sum of:	LF	200	150.00	\$ 30,000.00	\$ 128.00	\$ 25,600.00	\$ 225.00	\$ 45,000.00	\$ 156.00	\$ 31,200.00
25	Bypass Pumping, Complete in Place, the Sum of:	LS	1	35,000.00	\$ 35,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 57,112.00	\$ 57,112.00
26	Furnish Material and Labor to Replace the Exterior Coating System, including Surface Preparation, on the Existing Aerial Piping, as Shown on the Drawings, Complete in Place, the Sum of:	LS	1	20,000.00	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00	\$ 65,000.00	\$ 65,000.00	\$ 50,269.00	\$ 50,269.00
27	Trench Safety System for Sanitary Sewer Force Main Open Cut Construction, Depths Greater than 5', Complete in Place, the Sum of:	LF	3,900	2.00	\$ 7,800.00	\$ 0.10	\$ 390.00	\$ 10.00	\$ 39,000.00	\$ 5.00	\$ 19,500.00
28	Remove and Replace 4" Concrete Sidewalk, Complete in Place, the Sum of:	SY	900	75.00	\$ 67,500.00	\$ 60.00	\$ 54,000.00	\$ 110.00	\$ 99,000.00	\$ 139.00	\$ 125,100.00
29	Remove and Replace 6" Concrete Driveway, Complete in Place, the Sum of:	SY	225	90.00	\$ 20,250.00	\$ 100.00	\$ 22,500.00	\$ 130.00	\$ 29,250.00	\$ 250.00	\$ 56,250.00
30	Remove and Replace 5" Concrete Riprap, Complete in Place, the Sum of:	SY	80	100.00	\$ 8,000.00	\$ 90.00	\$ 7,200.00	\$ 120.00	\$ 9,600.00	\$ 345.00	\$ 27,600.00
31	Concrete Pavement Repair (10" CRCP, HES) per TxDOT Standard Details, Complete in Place, the Sum of:	SY	100	150.00	\$ 15,000.00	\$ 150.00	\$ 15,000.00	\$ 225.00	\$ 22,500.00	\$ 424.50	\$ 42,450.00
32	Block Sodding, Complete in Place, the Sum of:	SY	900	7.00	\$ 6,300.00	\$ 5.00	\$ 4,500.00	\$ 15.00	\$ 13,500.00	\$ 9.40	\$ 8,460.00
33	Hydromulch Seeding, Complete in Place, the Sum of:	AC	2	2,500.00	\$ 5,000.00	\$ 2,500.00	\$ 5,000.00	\$ 1,500.00	\$ 3,000.00	\$ 5,518.00	\$ 11,036.00
34	Miscellaneous Allowance as approved by the City (Fixed Amount of \$25,000):	AL	1	25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
35	Allowance for Emergency Repairs, as approved by the City (Fixed Amount of \$150,000):	AL	1	150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00
(A) SUB-TOTAL GENERAL ITEMS:					\$ 3,014,650.00		\$ 3,155,745.00		\$ 3,487,635.00		\$ 6,298,524.00

East Main 24" Force Main Replacement Project
Bid No. 24-050

						LOW BIDDER					
ITEM	ITEM DESCRIPTION	UNIT	QUAN.	Engineers Estimate		ISJ Underground Utilities, LLC.		Lopez Utilities Contractor, LLC.		Persons Services Corp	
NO.											
(D) EXTRA WORK ITEMS:											
36	Well Pointing System, All Depths, Complete in Place, the Sum of:	LF	1,500	30.00	\$ 45,000.00	\$ 30.00	\$ 45,000.00	\$ 30.00	\$ 45,000.00	\$ 30.00	\$ 45,000.00
37	Wet Condition Bedding, 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	\$ 5.00	\$ 5,000.00
38	Extra Cement Stabilized Sand Backfill, Complete in Place, the Sum of:	CY	200	35.00	\$ 7,000.00	\$ 35.00	\$ 7,000.00	\$ 35.00	\$ 7,000.00	\$ 35.00	\$ 7,000.00
39	Extra Bank Sand Backfill, Complete in Place, the Sum of:	CY	200	15.00	\$ 3,000.00	\$ 15.00	\$ 3,000.00	\$ 15.00	\$ 3,000.00	\$ 15.00	\$ 3,000.00
40	Extra Concrete, including Forms & Reinforcing, Complete in Place, the Sum of:	CY	10	350.00	\$ 3,500.00	\$ 350.00	\$ 3,500.00	\$ 350.00	\$ 3,500.00	\$ 350.00	\$ 3,500.00
41	Extra Ductile Iron Fittings, Complete in Place, the Sum of:	TON	5	4,000.00	\$ 20,000.00	\$ 4,000.00	\$ 20,000.00	\$ 4,000.00	\$ 20,000.00	\$ 4,000.00	\$ 20,000.00
42	Extra Excavation (Machine), Complete in Place, the Sum of:	CY	100	10.00	\$ 1,000.00	\$ 10.00	\$ 1,000.00	\$ 10.00	\$ 1,000.00	\$ 10.00	\$ 1,000.00
43	Extra Excavation (Hand), Complete in Place, the Sum of:	CY	100	15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00
44	Extra Labor (Skilled), Complete in Place, the Sum of:	MH	50	35.00	\$ 1,750.00	\$ 35.00	\$ 1,750.00	\$ 35.00	\$ 1,750.00	\$ 35.00	\$ 1,750.00
45	Extra Labor (Unskilled), Complete in Place, the Sum of:	MH	50	25.00	\$ 1,250.00	\$ 25.00	\$ 1,250.00	\$ 25.00	\$ 1,250.00	\$ 25.00	\$ 1,250.00
46	Brace, Support, and Protect Utility Structures as Required by Owner, Complete in Place, the Sum of:	EA	5	500.00	\$ 2,500.00	\$ 500.00	\$ 2,500.00	\$ 500.00	\$ 2,500.00	\$ 500.00	\$ 2,500.00
(D) SUB-TOTAL EXTRA WORK ITEMS:					\$ 91,500.00		\$ 91,500.00		\$ 91,500.00		\$ 91,500.00
TOTAL BASE BID (A + B + C + D) ITEMS:				\$ 3,106,150.00		\$ 3,247,245.00		\$ 3,579,135.00		\$ 6,390,024.00	
TOTAL CALENDAR DAYS BID:						150		300		425	
VALUE OF CALENDAR DAY:						\$ 1,000.00		\$ 1,000.00		\$ 1,000.00	
DIFFERENCE IN DAYS COMPARED TO LOWEST DAYS BID (210):						-		150		275	
A+B TO BE ADDED TO BASE BID:						\$ -		\$ 150,000.00		\$ 275,000.00	
GRAND TOTAL:				\$ 3,106,150.00		\$ 3,247,245.00		\$ 3,729,135.00		\$ 6,665,024.00	

MATHEMATICAL ERROR CORRECTED BY ENGINEER