



June 11, 2024

Mr. Anthony Talluto
Project Manager
City of League City
300 W. Walker St.
League City, Texas 77573

Re: **Letter of Recommendation – Mary Lane and Tallow Forest Water Line and Force Main**
CIP No. WT 1904H
Bid No. 24-037
ARKK Job No. 23-026

Dear Mr. Talluto:

On June 4, 2024, the City of League City received bids for the above referenced project. This project consists of the installation of approximately 1,000 L.F. of 8-inch diameter water line improvements for City inter-connections to existing public water distribution lines on Mary Lane and Tallow Forest Street, including all associated appurtenances. The project also consists of electrical upgrades and pump replacements to the existing Mary Lane Lift Station, as well as the installation of approximately 2,900 LF of 3-inch diameter sanitary sewer force main along Mary Lane. The bid from Nerie Construction, LLC was not considered as it was deemed irregular by the City.

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.

1. Bid Tabulation Sheet – Three (3) construction firms participated in the bidding process. 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.)
2. 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	\$ 565,893.32	145
Wilson Building Services Inc.	\$ 692,325.00	180
AR Turnkey Construction Company, Inc.	\$ 761,675.00	195

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 worked on projects of a similar nature for several municipalities. ARKK's staff also contacted ISJ Underground Utilities 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.

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 **Mary Lane and Tallow Forest Water Line and Force Main Project to ISJ Underground Utilities, LLC for a total amount of \$565,893.32.**

If you have any questions, please contact me.

Sincerely,

ARKK ENGINEERS, LLC



Mr. Madhu Kilambi, P.E.
Senior Project Manager

Attachments: Bid Tabulation

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN.	Engineers Estimate		LOW BIDDER	
						ISJ Underground Utilities, LLC	
(A) GENERAL ITEMS							
1	Project Identification Sign Per Detail:	EA	2	1,500.00	\$ 3,000.00	\$ 600.00	\$ 1,200.00
2	Mobilization (Not to Exceed 4% of Total Bid), Complete in Place, the Sum of:	LS	1	27,500.00	\$ 27,500.00	\$ 10,000.00	\$ 10,000.00
3	Traffic Control and Regulation, Complete in Place, the Sum of:	LS	1	10,000.00	\$ 10,000.00	\$ 12,500.00	\$ 12,500.00
4	Tree and Plant Protection, including Protective Fencing and Tree Remval, Complete in Place, the Sum of:	LS	1	15,000.00	\$ 15,000.00	\$ 5,000.00	\$ 5,000.00
5	Block Sodding, Complete in Place, the Sum of:	SY	500	6.00	\$ 3,000.00	\$ 5.00	\$ 2,500.00
6	Critical Investigation Work, including locating existing city utilities, pipelines and all underground utilities as needed to facilitate the proposed construction, Complete in Place, the Sum of:	LS	1	7,500.00	\$ 7,500.00	\$ 2,800.00	\$ 2,800.00
7	Miscellaneous Allowance as approved by the City (Fixed Amount of \$15,000):	AL	1	15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
8	Allowance for Early Completion Bonus (Water Line Improvements) as approved by the City (Fixed Amount of \$27,000):	AL	1	27,000.00	\$ 27,000.00	\$ 27,000.00	\$ 27,000.00
(A) SUB-TOTAL GENERAL ITEMS:					\$ 108,000.00		\$ 76,000.00
(B) WATER LINE ITEMS:							
9	8" PVC C-900 (DR 18) waterline by trenchless construction, all depths, Complete in Place, the Sum of:	LF	1,000	85.00	\$ 85,000.00	\$ 85.00	\$ 85,000.00
10	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	3	3,000.00	\$ 9,000.00	\$ 3,437.50	\$ 10,312.50
11	8" x 8" Tapping Sleeve and Valve, Complete in Place, the Sum of:	EA	3	7,500.00	\$ 22,500.00	\$ 9,387.00	\$ 28,161.00
12	12" x 8" Tapping Sleeve and Valve, Complete in Place, the Sum of:	EA	1	10,000.00	\$ 10,000.00	\$ 11,641.50	\$ 11,641.50
13	End of Line Fire Hydrant (Blue), Complete in Place, the Sum of:	EA	2	4,500.00	\$ 9,000.00	\$ 8,265.00	\$ 16,530.00
14	Fire Hydrant Assembly Installed on New Water Main, including gate valve and lead pipe, Complete in Place, the Sum of:	EA	3	6,500.00	\$ 19,500.00	\$ 11,017.00	\$ 33,051.00
15	Remove & Salvage Existing F.H. Assembly and Valve, Complete in Place, the Sum of:	EA	4	750.00	\$ 3,000.00	\$ 250.00	\$ 1,000.00
16	8" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	6	800.00	\$ 4,800.00	\$ 200.00	\$ 1,200.00
17	8" Wet Connection, Complete in Place, the Sum of:	EA	2	1,000.00	\$ 2,000.00	\$ 718.50	\$ 1,437.00
18	Inlet Protection Barrier (All-Types), Complete in Place, the Sum of:	EA	2	150.00	\$ 300.00	\$ 50.00	\$ 100.00
19	Filter Fabric Barrier, Complete in Place, the Sum of:	LF	850	3.00	\$ 2,550.00	\$ 0.10	\$ 85.00
20	Reinforced Filter Fabric Barrier, Complete in Place, the Sum of:	LF	400	5.00	\$ 2,000.00	\$ 0.10	\$ 40.00
21	Trench Safety System for all water mains, greater than 5-feet deep, Complete in Place, the Sum of:	LF	250	3.00	\$ 750.00	\$ 1.00	\$ 250.00
(B) SUB-TOTAL WATER LINE ITEMS:					\$ 170,400.00		\$ 188,808.00
(C) LIFT STATION AND FORCE MAIN ITEMS:							
22	Upgrade Submersible Pumps at Existing Mary Lane Lift Station, Including But Not Limited to: Replacing Guide Rails and Base Elbows as needed, All Connections, and all Ancillary Devices as Shown on Construction Drawings Necessary to Complete the Work for a Complete and Operating System, Complete in Place, the Sum of:	LS	1	\$ 40,000.00	\$ 40,000.00	\$ 20,000.00	\$ 20,000.00
23	Electrical Modifications to Lift Station Site, Including But Not Limited To: Service Pole, Meter & Main Disconnect, Service Rack with Manual Trasfer Switch, Stainless Steel Control Panel, Terminal Boxes, Conduit, Wire and All Ancillary Devices as Shwon on Construction Drawings Necessary to Complete the Work for a Complete and Operating System, Complete in Place, the Sum of:	LS	1	\$ 115,000.00	\$ 115,000.00	\$ 100,000.00	\$ 100,000.00
24	Electric Service Allowance for electric service by the local Electric Service Provider. Exact amount will be reimbursed to Contractor upon submittal of invoice from Electric Service Provider:	AL	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
25	Arc Flash Hazard Analysis Allowance and coordination per Section 16015, completed by Baird Gilroy & Dixon, LLC.	AL	1	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
26	3" PVC SDR 21 (Class 200) (GREEN COLOR) Force Main by trenchless construction, all depths, Complete in Place, the Sum of:	LF	2,900	\$ 55.00	\$ 159,500.00	\$ 17.50	\$ 50,750.00
27	3" Force Main Wet Connection, Complete in Place, the Sum of:	EA	1	\$ 1,250.00	\$ 1,250.00	\$ 701.50	\$ 701.50
28	Core Existing Manhole and Connect 3" Force Main with External Drop per City Detail (Approx. 16' Depth), including all fittings and appurtenances, Complete in Place, the Sum of:	EA	1	\$ 20,000.00	\$ 20,000.00	\$ 5,258.00	\$ 5,258.00
29	Manhole Wall Liner, Warren Epoxy (100 mils min.), Complete in Place, the Sum of:	VF	17	\$ 300.00	\$ 5,100.00	\$ 300.00	\$ 5,100.00
30	Air/Vacuum Release Valve Assembly (H-TEC 986 SS ARV Groundset Assembly per Detail), Complete in Place, the Sum of:	EA	1	\$ 25,000.00	\$ 25,000.00	\$ 28,944.00	\$ 28,944.00
31	Remove and Replace 4" Concrete Sidewalk, Complete in Place, the Sum of:	SY	20	\$ 100.00	\$ 2,000.00	\$ 125.00	\$ 2,500.00
32	Trench Safety System for all force mains, greater than 5-feet deep, Complete in Place, the Sum of:	LF	250	\$ 3.00	\$ 750.00	\$ 1.00	\$ 250.00
(C) SUB-TOTAL LIFT STATION AND FORCE MAIN ITEMS:					\$ 391,600.00		\$ 236,503.50
(D) EXTRA WORK ITEMS:							
33	Well Pointing System, all depths:	LF	200	30.00	\$ 6,000.00	\$ 30.00	\$ 6,000.00
34	Wet Condition Bedding, all sizes, all depths:	LF	200	5.00	\$ 1,000.00	\$ 5.00	\$ 1,000.00
35	Extra Cement Stabilized Sand:	CY	50	40.00	\$ 2,000.00	\$ 40.00	\$ 2,000.00
36	8" Insertion Valve on existing waterline:	EA	2	8,000.00	\$ 16,000.00	\$ 11,590.91	\$ 23,181.82
37	Remove and Replace 3-strand Barbed Wire Fence:	LF	350	10.00	\$ 3,500.00	\$ 19.00	\$ 6,650.00
38	Type D Hot-Mix Asphalt:	TON	50	100.00	\$ 5,000.00	\$ 100.00	\$ 5,000.00
39	Extra Excavation (Machine):	CY	50	10.00	\$ 500.00	\$ 10.00	\$ 500.00
40	Extra Excavation (Hand):	CY	50	15.00	\$ 750.00	\$ 15.00	\$ 750.00
41	Extra Ductile Iron Fittings, in Place:	TON	4	4,000.00	\$ 16,000.00	\$ 4,000.00	\$ 16,000.00
42	Extra Concrete with Form and Reinforcing:	CY	10	350.00	\$ 3,500.00	\$ 350.00	\$ 3,500.00
(D) SUB-TOTAL EXTRA WORK ITEMS:					\$ 54,250.00		\$ 64,581.82
TOTAL BASE BID (A + B + C + D) ITEMS:					\$ 724,250.00		\$ 565,893.32
TOTAL CALENDAR DAYS BID:							145
VALUE OF CALENDAR DAY:						\$	240.00
DIFFERENCE IN DAYS COMPARED TO LOWEST DAYS BID (210):							-
A+B TO BE ADDED TO BASE BID:						\$	-
GRAND TOTAL:					\$ 724,250.00		\$ 565,893.32

MATHEMATICAL ERROR CORRECTED BY ENGINEER

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN.	Wilson Building Services Inc.		AR Turnkey Construction Company Inc.	
(A) GENERAL ITEMS							
1	Project Identification Sign Per Detail:	EA	2	\$ 950.00	\$ 1,900.00	\$ 750.00	\$ 1,500.00
2	Mobilization (Not to Exceed 4% of Total Bid), Complete in Place, the Sum of:	LS	1	\$ 26,000.00	\$ 26,000.00	\$ 25,000.00	\$ 25,000.00
3	Traffic Control and Regulation, Complete in Place, the Sum of:	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 21,000.00	\$ 21,000.00
4	Tree and Plant Protection, including Protective Fencing and Tree Remval, Complete in Place, the Sum of:	LS	1	\$ 6,500.00	\$ 6,500.00	\$ 1,000.00	\$ 1,000.00
5	Block Sodding, Complete in Place, the Sum of:	SY	500	\$ 12.00	\$ 6,000.00	\$ 9.00	\$ 4,500.00
6	Critical Investigation Work, including locating existing city utilities, pipelines and all underground utilities as needed to facilitate the proposed construction, Complete in Place, the Sum of:	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 7,000.00	\$ 7,000.00
7	Miscellaneous Allowance as approved by the City (Fixed Amount of \$15,000):	AL	1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
8	Allowance for Early Completion Bonus (Water Line Improvements) as approved by the City (Fixed Amount of \$27,000):	AL	1	\$ 27,000.00	\$ 27,000.00	\$ 27,000.00	\$ 27,000.00
(A) SUB-TOTAL GENERAL ITEMS:					\$ 119,400.00		\$ 102,000.00
(B) WATER LINE ITEMS:							
9	8" PVC C-900 (DR 18) waterline by trenchless construction, all depths, Complete in Place, the Sum of:	LF	1,000	\$ 60.00	\$ 60,000.00	\$ 89.00	\$ 89,000.00
10	8" Resilient Seated Gate Valve with Box, Complete in Place, the Sum of:	EA	3	\$ 5,000.00	\$ 15,000.00	\$ 2,400.00	\$ 7,200.00
11	8" x 8" Tapping Sleeve and Valve, Complete in Place, the Sum of:	EA	3	\$ 9,500.00	\$ 28,500.00	\$ 7,700.00	\$ 23,100.00
12	12" x 8" Tapping Sleeve and Valve, Complete in Place, the Sum of:	EA	1	\$ 12,000.00	\$ 12,000.00	\$ 9,000.00	\$ 9,000.00
13	End of Line Fire Hydrant (Blue), Complete in Place, the Sum of:	EA	2	\$ 7,500.00	\$ 15,000.00	\$ 6,800.00	\$ 13,600.00
14	Fire Hydrant Assembly Installed on New Water Main, including gate valve and lead pipe, Complete in Place, the Sum of:	EA	3	\$ 9,500.00	\$ 28,500.00	\$ 7,400.00	\$ 22,200.00
15	Remove & Salvage Existing F.H. Assembly and Valve, Complete in Place, the Sum of:	EA	4	\$ 500.00	\$ 2,000.00	\$ 400.00	\$ 1,600.00
16	8" Cut, Plug & Abandon, Complete in Place, the Sum of:	EA	6	\$ 1,000.00	\$ 6,000.00	\$ 300.00	\$ 1,800.00
17	8" Wet Connection, Complete in Place, the Sum of:	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 1,700.00	\$ 3,400.00
18	Inlet Protection Barrier (All-Types), Complete in Place, the Sum of:	EA	2	\$ 75.00	\$ 150.00	\$ 50.00	\$ 100.00
19	Filter Fabric Barrier, Complete in Place, the Sum of:	LF	850	\$ 3.50	\$ 2,975.00	\$ 1.50	\$ 1,275.00
20	Reinforced Filter Fabric Barrier, Complete in Place, the Sum of:	LF	400	\$ 5.00	\$ 2,000.00	\$ 2.00	\$ 800.00
21	Trench Safety System for all water mains, greater than 5-feet deep, Complete in Place, the Sum of:	LF	250	\$ 3.00	\$ 750.00	\$ 1.00	\$ 250.00
(B) SUB-TOTAL WATER LINE ITEMS:					\$ 175,875.00		\$ 173,325.00
(C) LIFT STATION AND FORCE MAIN ITEMS:							
22	Upgrade Submersible Pumps at Existing Mary Lane Lift Station, Including But Not Limited to: Replacing Guide Rails and Base Elbows as needed, All Connections, and all Ancillary Devices as Shown on Construction Drawings Necessary to Complete the Work for a Complete and Operating System, Complete in Place, the Sum of:	LS	1	\$ 90,000.00	\$ 90,000.00	\$ 121,000.00	\$ 121,000.00
23	Electrical Modifications to Lift Station Site, Including But Not Limited To: Service Pole, Meter & Main Disconnect, Service Rack with Manual Trasfer Switch, Stainless Steel Control Panel, Terminal Boxes, Conduit, Wire and All Ancillary Devices as Shwon on Construction Drawings Necessary to Complete the Work for a Complete and Operating System, Complete in Place, the Sum of:	LS	1	\$ 125,000.00	\$ 125,000.00	\$ 120,000.00	\$ 120,000.00
24	Electric Service Allowance for electric service by the local Electric Service Provider. Exact amount will be reimbursed to Contractor upon submittal of invoice from Electric Service Provider:	AL	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
25	Arc Flash Hazard Analysis Allowance and coordination per Section 16015, completed by Baird Gilroy & Dixon, LLC.	AL	1	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
26	3" PVC SDR 21 (Class 200) (GREEN COLOR) Force Main by trenchless construction, all depths, Complete in Place, the Sum of:	LF	2,900	\$ 20.00	\$ 58,000.00	\$ 39.00	\$ 113,100.00
27	3" Force Main Wet Connection, Complete in Place, the Sum of:	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 1,800.00	\$ 1,800.00
28	Core Existing Manhole and Connect 3" Force Main with External Drop per City Detail (Approx. 16' Depth), including all fittings and appurtenances, Complete in Place, the Sum of:	EA	1	\$ 3,200.00	\$ 3,200.00	\$ 7,000.00	\$ 7,000.00
29	Manhole Wall Liner, Warren Epoxy (100 mils min.), Complete in Place, the Sum of:	VF	17	\$ 600.00	\$ 10,200.00	\$ 1,000.00	\$ 17,000.00
30	Air/Vacuum Release Valve Assembly (H-TEC 986 SS ARV Groundset Assembly per Detail), Complete in Place, the Sum of:	EA	1	\$ 3,500.00	\$ 3,500.00	\$ 15,000.00	\$ 15,000.00
31	Remove and Replace 4" Concrete Sidewalk, Complete in Place, the Sum of:	SY	20	\$ 150.00	\$ 3,000.00	\$ 80.00	\$ 1,600.00
32	Trench Safety System for all force mains, greater than 5-feet deep, Complete in Place, the Sum of:	LF	250	\$ 3.00	\$ 750.00	\$ 1.00	\$ 250.00
(C) SUB-TOTAL LIFT STATION AND FORCE MAIN ITEMS:					\$ 319,150.00		\$ 419,750.00
(D) EXTRA WORK ITEMS:							
33	Well Pointing System, all depths:	LF	200	\$ 30.00	\$ 6,000.00	\$ 30.00	\$ 6,000.00
34	Wet Condition Bedding, all sizes, all depths:	LF	200	\$ 5.00	\$ 1,000.00	\$ 5.00	\$ 1,000.00
35	Extra Cement Stabilized Sand:	CY	50	\$ 40.00	\$ 2,000.00	\$ 40.00	\$ 2,000.00
36	8" Insertion Valve on existing waterline:	EA	2	\$ 11,000.00	\$ 22,000.00	\$ 8,000.00	\$ 16,000.00
37	Remove and Replace 3-strand Barbed Wire Fence:	LF	350	\$ 15.00	\$ 5,250.00	\$ 11.00	\$ 3,850.00
38	Type D Hot-Mix Asphalt:	TON	50	\$ 250.00	\$ 12,500.00	\$ 100.00	\$ 5,000.00
39	Extra Excavation (Machine):	CY	50	\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00
40	Extra Excavation (Hand):	CY	50	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00
41	Extra Ductile Iron Fittings, in Place:	TON	4	\$ 4,000.00	\$ 16,000.00	\$ 4,000.00	\$ 16,000.00
42	Extra Concrete with Form and Reinforcing:	CY	10	\$ 350.00	\$ 3,500.00	\$ 350.00	\$ 3,500.00
(D) SUB-TOTAL EXTRA WORK ITEMS:					\$ 69,500.00		\$ 54,600.00
TOTAL BASE BID (A + B + C + D) ITEMS:					\$ 683,925.00		\$ 749,675.00
TOTAL CALENDAR DAYS BID:					180		195
VALUE OF CALENDAR DAY:					\$ 240.00		\$ 240.00
DIFFERENCE IN DAYS COMPARED TO LOWEST DAYS BID (210):					35		50
A+B TO BE ADDED TO BASE BID:					\$ 8,400.00		\$ 12,000.00
GRAND TOTAL:					\$ 692,325.00		\$ 761,675.00

MATHEMATICAL ERROR CORRECTED BY ENGINEER