



December 7, 2016

Mr. Bobby Morrison
Senior Project Manager
City of League City
500 W. Walker St.
League City, Texas 77573

Re: **Letter of Recommendation for 2016 Water Line Improvements Project**
City of League City
ARKK Job No. 16-017

Dear Mr. Morrison:

On November 15, 2016, ten (10) bids were received for the above referenced project. This project involves the replacement of the existing waterlines located in the Clear Creek Village Subdivision in the City of League City. Following is a summary of our bid evaluation:

1. Bid Tabulation Sheet – Ten (10) construction firms participated in the bidding process. The bids were checked for mathematical errors and/or bid irregularities. The following table presents a summary of the bids received for the project:

<u>Bidder</u>	<u>Total Bid</u>
Vaca Underground Utilities, Inc.	\$1,222,790.00
Resicom, Inc.	\$1,306,775.00
Lopez Utilities Contractor, LLC.	\$1,325,085.00
MMG Contractors, LLC.	\$1,412,981.00
Armadillo Underground Utilities, LLC.	\$1,476,395.00
D.L. Elliot Enterprises, Inc.	\$1,527,010.00
LMC Corporation	\$1,594,752.00
Alcott, Inc. dba TCH	\$1,681,433.00
Mar-Con Services, LLC	\$1,898,643.70
Persons Servicing Company, LLC	\$2,308,125.49

A copy of the bid tabulation is attached to this letter.

ARKK Engineers met with Vaca Underground Utilities, Inc.'s project team to discuss the project requirements and the City of League City's expectations. Vaca Underground Utilities, Inc. indicated that they have the personnel and experience to complete the work and are planning to complete the work successfully.

Vaca Underground 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 **2016 Water Line Improvements Project (WT 1302) to Vaca Underground, Inc. for a total amount of \$1,222,790.00.**

If you have any questions, please contact me.

Sincerely,

ARKK ENGINEERS, LLC



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

Cc: Mr. John Lothrop – City of League City

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN.	LOW BIDDER																			
				Vaca Underground Utilities, Inc.		Resicom, Inc.		Lopez Utilities Contractor, LLC		MMG CONTRACTORS LLC		Armadillo Underground Utilities, LLC.		D.L Elliott Enterprises, Inc.		LMC Corporation		Alcott, Inc. dba TCH		MAR-CON SERVICES, LLC		Persons Service Company, LLC	
BASE BID ITEMS																							
1	4" PVC SDR-21, Class 200 waterline by augered construction, Complete in Place, the Sum of:	L.F.	840	\$ 25.00	\$ 21,000.00	\$ 20.00	\$ 16,800.00	\$ 30.00	\$ 25,200.00	\$ 30.00	\$ 25,200.00	\$ 33.00	\$ 27,720.00	\$ 37.00	\$ 31,080.00	\$ 38.00	\$ 31,920.00	\$ 30.23	\$ 25,393.20	\$ 59.50	\$ 49,980.00	\$ 64.48	\$ 54,163.20
2	6" PVC C-900, Class 150 waterline by augered or open cut construction, all depths, Complete in Place, the Sum of:	L.F.	1260	\$ 31.00	\$ 39,060.00	\$ 27.00	\$ 34,020.00	\$ 31.00	\$ 39,060.00	\$ 32.00	\$ 40,320.00	\$ 35.00	\$ 44,100.00	\$ 40.00	\$ 50,400.00	\$ 42.00	\$ 52,920.00	\$ 35.11	\$ 44,238.60	\$ 31.00	\$ 39,060.00	\$ 14.39	\$ 18,131.40
3	6" CERTA-LOK waterline by augered or open cut construction, all depths, Complete in Place, the Sum of:	L.F.	190	\$ 36.00	\$ 6,840.00	\$ 32.00	\$ 6,080.00	\$ 39.00	\$ 7,410.00	\$ 37.00	\$ 7,030.00	\$ 38.00	\$ 7,220.00	\$ 48.00	\$ 9,120.00	\$ 43.00	\$ 8,170.00	\$ 39.83	\$ 7,567.70	\$ 43.30	\$ 8,227.00	\$ 26.70	\$ 5,073.00
4	8" PVC C-900, Class 150 waterline by augered or open cut construction, all depths, Complete in Place, the Sum of:	L.F.	12690	\$ 42.00	\$ 532,980.00	\$ 32.50	\$ 412,425.00	\$ 34.00	\$ 431,460.00	\$ 39.00	\$ 494,910.00	\$ 45.00	\$ 571,050.00	\$ 42.00	\$ 532,980.00	\$ 44.00	\$ 558,360.00	\$ 49.95	\$ 633,865.50	\$ 53.60	\$ 680,184.00	\$ 22.44	\$ 284,763.60
5	8" CERTA-LOK waterline by augered or open cut construction, all depths, Complete in Place, the Sum of:	L.F.	2600	\$ 48.00	\$ 124,800.00	\$ 42.50	\$ 110,500.00	\$ 41.00	\$ 106,600.00	\$ 50.00	\$ 130,000.00	\$ 49.00	\$ 127,400.00	\$ 85.00	\$ 221,000.00	\$ 45.00	\$ 117,000.00	\$ 56.49	\$ 146,874.00	\$ 42.60	\$ 110,760.00	\$ 67.19	\$ 174,694.00
6	Bored 14" thru 16" Steel Casing w/ 6" CERTA-LOK waterline, for Sanitary Sewer and Culvert crossings, all depths, Complete in Place, the Sum of:	L.F.	20	\$ 92.00	\$ 1,840.00	\$ 250.00	\$ 5,000.00	\$ 210.00	\$ 4,200.00	\$ 220.00	\$ 4,400.00	\$ 145.00	\$ 2,900.00	\$ 70.00	\$ 1,400.00	\$ 240.00	\$ 4,800.00	\$ 188.85	\$ 3,777.00	\$ 264.50	\$ 5,290.00	\$ 461.18	\$ 9,223.60
7	Bored 14" thru 16" Steel Casing w/ 8" PVC C-900, Class 150 waterline, for Sanitary Sewer and Culvert crossings, all depths, Complete in Place, the Sum of:	L.F.	300	\$ 94.00	\$ 28,200.00	\$ 257.00	\$ 77,100.00	\$ 210.00	\$ 63,000.00	\$ 127.00	\$ 38,100.00	\$ 159.00	\$ 47,700.00	\$ 65.00	\$ 19,500.00	\$ 270.00	\$ 81,000.00	\$ 193.87	\$ 58,161.00	\$ 205.10	\$ 61,530.00	\$ 459.15	\$ 137,745.00
8	Bored 14" thru 16" Steel Casing w/ 8" CERTA-LOK waterline, for Sanitary Sewer and Culvert crossings, all depths, Complete in Place, the Sum of:	L.F.	200	\$ 95.00	\$ 19,000.00	\$ 257.00	\$ 51,400.00	\$ 210.00	\$ 42,000.00	\$ 155.00	\$ 31,000.00	\$ 169.00	\$ 33,800.00	\$ 135.00	\$ 27,000.00	\$ 286.00	\$ 57,200.00	\$ 194.93	\$ 38,986.00	\$ 209.80	\$ 41,960.00	\$ 472.52	\$ 94,504.00
9	8" resilient seated gate valve with box, Complete in Place, the Sum of:	EA.	41	\$ 1,110.00	\$ 45,510.00	\$ 1,110.00	\$ 45,510.00	\$ 975.00	\$ 39,975.00	\$ 1,692.00	\$ 69,372.00	\$ 1,500.00	\$ 61,500.00	\$ 1,250.00	\$ 51,250.00	\$ 960.00	\$ 39,360.00	\$ 1,245.00	\$ 51,045.00	\$ 1,247.80	\$ 51,159.80	\$ 1,992.93	\$ 81,710.13
10	6" resilient seated gate valve with box, Complete in Place, the Sum of:	EA.	9	\$ 750.00	\$ 6,750.00	\$ 750.00	\$ 6,750.00	\$ 950.00	\$ 8,550.00	\$ 1,168.00	\$ 10,512.00	\$ 1,300.00	\$ 11,700.00	\$ 1,000.00	\$ 9,000.00	\$ 910.00	\$ 8,190.00	\$ 890.00	\$ 8,010.00	\$ 966.40	\$ 8,697.60	\$ 1,330.92	\$ 11,978.28
11	4" resilient seated gate valve with box, Complete in Place, the Sum of:	EA.	3	\$ 600.00	\$ 1,800.00	\$ 625.00	\$ 1,875.00	\$ 850.00	\$ 2,550.00	\$ 952.00	\$ 2,856.00	\$ 1,200.00	\$ 3,600.00	\$ 600.00	\$ 1,800.00	\$ 870.00	\$ 2,610.00	\$ 750.00	\$ 2,250.00	\$ 865.00	\$ 2,595.00	\$ 1,235.26	\$ 3,705.78
12	10" x 8" tapping sleeve and valve with box, Complete in Place, the Sum of:	EA.	4	\$ 5,000.00	\$ 20,000.00	\$ 4,800.00	\$ 19,200.00	\$ 4,500.00	\$ 18,000.00	\$ 5,160.00	\$ 20,640.00	\$ 4,500.00	\$ 18,000.00	\$ 6,000.00	\$ 24,000.00	\$ 3,800.00	\$ 15,200.00	\$ 7,420.00	\$ 29,680.00	\$ 5,693.20	\$ 22,772.80	\$ 5,910.43	\$ 23,641.72
13	Red fire hydrant assembly installed dead end of new water main, including gate valve and lead pipe, Complete in Place, the Sum of:	EA.	3	\$ 3,100.00	\$ 9,300.00	\$ 3,600.00	\$ 10,800.00	\$ 4,500.00	\$ 13,500.00	\$ 4,445.00	\$ 13,335.00	\$ 3,800.00	\$ 11,400.00	\$ 5,500.00	\$ 16,500.00	\$ 4,100.00	\$ 12,300.00	\$ 4,145.00	\$ 12,435.00	\$ 3,908.50	\$ 11,725.50	\$ 6,414.55	\$ 19,243.65
14	Blue fire hydrant assembly installed dead end of new water main, including gate valve and lead pipe, Complete in Place, the Sum of:	EA.	1	\$ 3,100.00	\$ 3,100.00	\$ 3,600.00	\$ 3,600.00	\$ 4,500.00	\$ 4,500.00	\$ 4,445.00	\$ 4,445.00	\$ 4,200.00	\$ 4,200.00	\$ 5,500.00	\$ 5,500.00	\$ 4,200.00	\$ 4,200.00	\$ 4,145.00	\$ 4,145.00	\$ 3,714.80	\$ 3,714.80	\$ 6,414.55	\$ 6,414.55
15	Fire hydrant assembly installed on new water main, including gate valve and lead pipe, Complete in Place, the Sum of:	EA.	35	\$ 3,200.00	\$ 112,000.00	\$ 4,000.00	\$ 140,000.00	\$ 4,500.00	\$ 157,500.00	\$ 4,728.00	\$ 165,480.00	\$ 4,300.00	\$ 150,500.00	\$ 5,500.00	\$ 192,500.00	\$ 3,800.00	\$ 133,000.00	\$ 4,390.00	\$ 153,650.00	\$ 3,941.10	\$ 137,938.50	\$ 6,414.55	\$ 224,509.25
16	Remove and Salvage existing fire hydrants and blow off valves, Complete in Place, the Sum of:	EA.	16	\$ 75.00	\$ 1,200.00	\$ 200.00	\$ 3,200.00	\$ 475.00	\$ 7,600.00	\$ 672.00	\$ 10,752.00	\$ 300.00	\$ 4,800.00	\$ 200.00	\$ 3,200.00	\$ 450.00	\$ 7,200.00	\$ 500.00	\$ 8,000.00	\$ 517.70	\$ 8,283.20	\$ 500.86	\$ 8,013.76
17	Remove valve & box and place a MJ restrained plug with thrust blocking, Complete in Place, the Sum of:	EA.	40	\$ 30.00	\$ 1,200.00	\$ 300.00	\$ 12,000.00	\$ 750.00	\$ 30,000.00	\$ 403.00	\$ 16,120.00	\$ 350.00	\$ 14,000.00	\$ 250.00	\$ 10,000.00	\$ 340.00	\$ 13,600.00	\$ 500.00	\$ 20,000.00	\$ 322.40	\$ 12,896.00	\$ 343.52	\$ 13,740.80
18	Install short side service, Complete in Place, the Sum of:	EA.	145	\$ 250.00	\$ 36,250.00	\$ 515.00	\$ 74,675.00	\$ 460.00	\$ 66,700.00	\$ 382.00	\$ 55,390.00	\$ 425.00	\$ 61,625.00	\$ 500.00	\$ 72,500.00	\$ 775.00	\$ 112,375.00	\$ 727.00	\$ 105,415.00	\$ 1,218.80	\$ 176,726.00	\$ 1,160.65	\$ 168,294.25
19	Install long side service, Complete in Place, the Sum of:	EA.	160	\$ 300.00	\$ 48,000.00	\$ 605.00	\$ 96,800.00	\$ 580.00	\$ 92,800.00	\$ 546.00	\$ 87,360.00	\$ 600.00	\$ 96,000.00	\$ 550.00	\$ 88,000.00	\$ 875.00	\$ 140,000.00	\$ 1,005.00	\$ 160,800.00	\$ 1,355.40	\$ 216,864.00	\$ 2,875.97	\$ 460,155.20
20	Install 1 1/2" sleeve for service line, Complete in Place, the Sum of:	L.F.	400	\$ 6.00	\$ 2,400.00	\$ 10.00	\$ 4,000.00	\$ 5.00	\$ 2,000.00	\$ 11.00	\$ 4,400.00	\$ 10.00	\$ 4,000.00	\$ 3.00	\$ 1,200.00	\$ 38.00	\$ 15,200.00	\$ 15.90	\$ 6,360.00	\$ 3.70	\$ 1,480.00	\$ 8.31	\$ 3,324.00
21	6" cut, plug and abandon existing water line, Complete in Place, the Sum of:	EA.	4	\$ 125.00	\$ 500.00	\$ 300.00	\$ 1,200.00	\$ 500.00	\$ 2,000.00	\$ 479.00	\$ 1,916.00	\$ 300.00	\$ 1,200.00	\$ 1,250.00	\$ 5,000.00	\$ 770.00	\$ 3,080.00	\$ 265.00	\$ 1,060.00	\$ 624.00	\$ 2,496.00	\$ 281.46	\$ 1,125.84
22	8" cut, plug and abandon existing water line, Complete in Place, the Sum of:	EA.	1	\$ 150.00	\$ 150.00	\$ 300.00	\$ 300.00	\$ 925.00	\$ 925.00	\$ 513.00	\$ 513.00	\$ 400.00	\$ 400.00	\$ 1,350.00	\$ 1,350.00	\$ 860.00	\$ 860.00	\$ 290.00	\$ 290.00	\$ 607.10	\$ 607.10	\$ 507.76	\$ 507.76
23	Inlet Protection Barrier (All-Types), Complete in Place, the Sum of:	EA.	68	\$ 40.00	\$ 2,720.00	\$ 50.00	\$ 3,400.00	\$ 35.00	\$ 2,380.00	\$ 100.00	\$ 6,800.00	\$ 50.00	\$ 3,400.00	\$ 50.00	\$ 3,400.00	\$ 49.00	\$ 3,332.00	\$ 50.00	\$ 3,400.00	\$ 60.50	\$ 4,114.00	\$ 872.43	\$ 59,325.24
24	Trench Safety System for all water mains, greater than 5-feet deep, Complete in Place, the Sum of:	L.F.	3000	\$ 0.10	\$ 300.00	\$ 0.10	\$ 300.00	\$ 0.50	\$ 1,500.00	\$ 0.01	\$ 30.00	\$ 0.01	\$ 30.00	\$ 0.01	\$ 30.00	\$ 1.75	\$ 5,250.00	\$ 0.01	\$ 30.00	\$ 0.30	\$ 900.00	\$ 4.15	\$ 12,450.00
25	Remove and Replace Concrete Driveway, Complete in Place, the Sum of:	S.Y.	20	\$ 55.00	\$ 1,100.00	\$ 72.00	\$ 1,440.00	\$ 75.00	\$ 1,500.00	\$ 85.00	\$ 1,700.00	\$ 75.00	\$ 1,500.00	\$ 50.00	\$ 1,000.00	\$ 75.00	\$ 1,500.00	\$ 70.00	\$ 1,400.00	\$ 100.00	\$ 2,000.00	\$ 245.92	\$ 4,918.40
26	Remove and Replace Existing Concrete Pavement, Complete in Place, the Sum of:	S.Y.	250	\$ 62.00	\$ 15,500.00	\$ 65.00	\$ 16,250.00	\$ 65.00	\$ 16,250.00	\$ 85.00	\$ 21,250.00	\$ 75.00	\$ 18,750.00	\$ 50.00	\$ 12,500.00	\$ 75.00	\$ 18,750.00	\$ 70.00	\$ 17,500.00	\$ 91.10	\$ 22,775.00	\$ 292.55	\$ 73,137.50
27	Remove and Replace Existing Concrete Sidewalk, Complete in Place, the Sum of:	S.Y.	75	\$ 56.00	\$ 4,200.00	\$ 72.00	\$ 5,400.00	\$ 55.00	\$ 4,125.00	\$ 68.00	\$ 5,100.00	\$ 30.00	\$ 2,250.00	\$ 22.00	\$ 1,650.00	\$ 55.00	\$ 4,125.00	\$ 70.00	\$ 5,250.00	\$ 69.20	\$ 5,190.00	\$ 245.92	\$ 18,444.00
28	Remove and Replace Existing Wheelchair Ramp, Complete in Place, the Sum of:	S.Y.	50	\$ 56.00	\$ 2,800.00	\$ 15.00	\$ 750.00	\$ 85.00	\$ 4,250														