



October 4, 2016

Project Management Office
City of League City
500 West Walker
League City, Texas 77573

Re: **Letter of Recommendation for 2015 Sanitary Sewer Rehabilitation Project (WW 1201)**
Package 2 – Bid No. 16-055
City of League City
ARKK Job No. 15-008

Gentleman:

On September 27, 2016, six (6) bids were received for the above referenced project. This project includes the rehabilitation of approximately 13,100 L.F. of existing 8" thru 10" sanitary sewer by pipe bursting and approximately 2,500 L.F. of existing 8" thru 10" sanitary sewer by cured-in-place lining. These sanitary sewer lines are located in Bayou Brae and Landing Subdivisions and along Alabama Avenue and 3rd St. in the City of League City. The following is a summary of our bid evaluation:

1. Bid Tabulation Sheet – Six (6) construction firms participated in the bidding process. The bids were checked for mathematical errors and/or bid irregularities. The bids received for the project are as follows:
2. Following is a summary of the bids received for this project:

<u>Bidder</u>	<u>Base Bid</u>
T CONSTRUCTION, LLC.	\$784,864.00
NERIE CONSTRUCTION, LLC.	\$799,470.00
LOPEZ UTILITIES CONTRACTOR, LLC.	\$799,705.00
HORSESHOE CONSTRUCTION, INC.	\$823,814.50
DYL ENTERPRISES, LLC.	\$861,107.50
IPR SOUTH CENTRAL, LLC.	\$984,582.50

A copy of the bid tabulation is attached.

3. Qualifications – T Construction, LLC provided a list of projects and supporting documentation with the bid package.

ARRK Engineers project team met with T Construction, LLC representatives to discuss the project specifics and City's expectations. T Construction, LLC representatives informed ARKK that they have worked on similar projects for several municipalities in the general area. T Construction, LLC representatives also indicated that they have the personnel and experience to complete the work successfully on time.

T Construction, 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 **2015 Sanitary Sewer Rehabilitation Project Package 2 (WW1201)** to T Construction, LLC for a total of **\$784,864.00**.

If you have any questions, please contact me.

Sincerely,

ARRK ENGINEERS, LLC



Madhu Kilambi, P.E.

Senior Project Manager

Cc: Mr. John Lothrop – City of League City
Mr. Bobby Morrison – City of League City
Mr. Jose Velasquez, P.E. – ARRK Engineers

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN.	LOW BIDDER													
				T CONSTRUCTION, LLC		NERIE CONSTRUCTION, LLC		LOPEZ UTILITIES CONTRACTOR, LLC		HORSESHOE CONSTRUCTION, INC		DVL ENTERPRISES, LLC		IPR SOUTH CENTRAL, LLC			
BASE BID ITEMS:																	
1	Pipe burst existing 6" and 8" sanitary sewer with 8.625" O.D. sanitary sewer, up to 10' deep, complete in place the sum of:	L.F.	11,435	\$ 28.40	\$ 324,754.00	\$ 29.00	\$ 331,615.00	\$ 29.00	\$ 331,615.00	\$ 31.00	\$ 354,485.00	\$ 28.00	\$ 320,180.00	\$ 43.00	\$ 491,705.00		
2	Pipe burst existing 6" and 8" sanitary sewer with 8.625" O.D. sanitary sewer, greater than 10' deep, complete in place the sum of:	L.F.	1,255	\$ 31.00	\$ 38,905.00	\$ 31.00	\$ 38,905.00	\$ 32.00	\$ 40,160.00	\$ 36.00	\$ 45,180.00	\$ 32.50	\$ 40,787.50	\$ 49.00	\$ 61,495.00		
3	Pipe burst existing 10" sanitary sewer with 10.75" O.D. sanitary sewer, up to 10-foot deep, complete in place, the sum of:	L.F.	360	\$ 33.00	\$ 11,880.00	\$ 31.00	\$ 11,160.00	\$ 36.00	\$ 12,960.00	\$ 38.00	\$ 13,680.00	\$ 32.50	\$ 11,700.00	\$ 44.00	\$ 15,840.00		
4	Cured-in-place lining of existing 8" sanitary sewer, all depths, complete in place the sum of:	L.F.	2,075	\$ 31.00	\$ 64,325.00	\$ 31.00	\$ 64,325.00	\$ 39.00	\$ 80,925.00	\$ 40.15	\$ 83,311.25	\$ 40.00	\$ 83,000.00	\$ 28.00	\$ 58,100.00		
5	Cured-in-place lining of existing 10" sanitary sewer, all depths, complete in place the sum of:	L.F.	445	\$ 32.00	\$ 14,240.00	\$ 32.00	\$ 14,240.00	\$ 46.00	\$ 20,470.00	\$ 47.85	\$ 21,293.25	\$ 42.00	\$ 18,690.00	\$ 32.00	\$ 14,240.00		
6	4"/6" service reconconnections (by excavation), all depths, includes 8' of service line and cleanout at property line, complete in place the sum of:	EA	300	\$ 460.00	\$ 138,000.00	\$ 500.00	\$ 150,000.00	\$ 425.00	\$ 127,500.00	\$ 450.00	\$ 135,000.00	\$ 600.00	\$ 180,000.00	\$ 550.00	\$ 165,000.00		
7	Additional length of service line beyond the 8' of service line, all depths, complete in place the sum of:	L.F.	600	\$ 27.00	\$ 16,200.00	\$ 18.00	\$ 10,800.00	\$ 15.00	\$ 9,000.00	\$ 25.00	\$ 15,000.00	\$ 30.00	\$ 18,000.00	\$ 25.00	\$ 15,000.00		
8	Remove and replace drop connection at manhole including all fittings, bends, associated pipe, (all depths, all pipe sizes and types), complete in place, the sum of:	EA	7	\$ 1,720.00	\$ 12,040.00	\$ 2,000.00	\$ 14,000.00	\$ 1,600.00	\$ 11,200.00	\$ 1,200.00	\$ 8,400.00	\$ 750.00	\$ 5,250.00	\$ 1,150.00	\$ 8,050.00		
9	Install 4' diameter precast sanitary sewer manhole (includes 25 mils bitumastic coating), up to 8' deep, complete in place the sum of:	EA	4	\$ 3,880.00	\$ 15,520.00	\$ 4,000.00	\$ 16,000.00	\$ 3,600.00	\$ 14,400.00	\$ 3,500.00	\$ 14,000.00	\$ 3,500.00	\$ 14,000.00	\$ 2,600.00	\$ 10,400.00		
10	Install 4' diameter fiberglass sanitary sewer manhole (includes 25 mils bitumastic coating on concrete risers), up to 8' deep, complete in place, the sum of:	EA	17	\$ 3,560.00	\$ 60,520.00	\$ 4,000.00	\$ 68,000.00	\$ 3,200.00	\$ 54,400.00	\$ 3,000.00	\$ 51,000.00	\$ 3,000.00	\$ 51,000.00	\$ 2,600.00	\$ 44,200.00		
11	Replace manhole ring and cover to grade, complete in place the sum of:	EA	5	\$ 650.00	\$ 3,250.00	\$ 500.00	\$ 2,500.00	\$ 675.00	\$ 3,375.00	\$ 500.00	\$ 2,500.00	\$ 750.00	\$ 3,750.00	\$ 1,000.00	\$ 5,000.00		
12	Manhole wall liner, 1-inch cementitious, complete in place the sum of:	V.F.	70	\$ 90.00	\$ 6,300.00	\$ 85.00	\$ 5,950.00	\$ 120.00	\$ 8,400.00	\$ 97.00	\$ 6,790.00	\$ 125.00	\$ 8,750.00	\$ 230.00	\$ 16,100.00		
13	Manhole wall liner, 1-inch SewerCoat, complete in place the sum of:	V.F.	50	\$ 300.00	\$ 15,000.00	\$ 200.00	\$ 10,000.00	\$ 225.00	\$ 11,250.00	\$ 250.00	\$ 12,500.00	\$ 200.00	\$ 10,000.00	\$ 350.00	\$ 17,500.00		
14	Abandon existing sanitary sewer manhole, complete in place the sum of:	EA	1	\$ 700.00	\$ 700.00	\$ 800.00	\$ 800.00	\$ 1,400.00	\$ 1,400.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,285.00	\$ 1,285.00		
15	Cleaning and television inspection of existing 6" thru 12" diameter sanitary sewers, complete in place, the sum of:	L.F.	150	\$ 3.00	\$ 450.00	\$ 3.00	\$ 450.00	\$ 2.50	\$ 375.00	\$ 3.00	\$ 450.00	\$ 4.00	\$ 600.00	\$ 2.95	\$ 442.50		
16	Project Sign, as per the Detail, complete in place, the sum of:	L.S.	1	\$ 690.00	\$ 690.00	\$ 1,500.00	\$ 1,500.00	\$ 850.00	\$ 850.00	\$ 500.00	\$ 500.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00		
17	Trench safety system, incl. installation, operation & removal, all types of soil, all depths, complete in place the sum of:	L.F.	1,500	\$ 1.50	\$ 2,250.00	\$ 1.50	\$ 2,250.00	\$ 1.50	\$ 2,250.00	\$ 1.50	\$ 2,250.00	\$ 2.00	\$ 3,000.00	\$ 1.50	\$ 2,250.00		
18	Miscellaneous allowance, as approved by Engineer:	L.S.	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	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00		
TOTAL BASE BID ITEMS:					\$ 750,024.00		\$ 767,495.00		\$ 755,530.00		\$ 791,839.50		\$ 796,707.50		\$ 952,607.50		
SUPPLEMENTAL BID ITEMS:																	
19	Abandonment of service connection, all depths, complete in place the sum of:	EA	2	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00	\$ 200.00	\$ 400.00	\$ 150.00	\$ 300.00		
20	Well pointing system for manhole construction, complete in place the sum of:	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00		
21	Well pointing system for sanitary sewer service reconconnections, complete in place the sum of:	EA	1	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 5,000.00	\$ 5,000.00	\$ 700.00	\$ 700.00		
22	Well pointing system for main, all depths, complete in place the sum of:	L.F.	50	\$ 20.00	\$ 1,000.00	\$ 20.00	\$ 1,000.00	\$ 20.00	\$ 1,000.00	\$ 20.00	\$ 1,000.00	\$ 40.00	\$ 2,000.00	\$ 20.00	\$ 1,000.00		
23	Installation & removal of piezometer, complete in place the sum of:	EA	2	\$ 100.00	\$ 200.00	\$ 100.00	\$ 200.00	\$ 100.00	\$ 200.00	\$ 100.00	\$ 200.00	\$ 500.00	\$ 1,000.00	\$ 100.00	\$ 200.00		
24	Wet condition bedding for 8" thru 12" sanitary sewer, all depths, complete in place the sum of:	L.F.	50	\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00	\$ 20.00	\$ 1,000.00	\$ 10.00	\$ 500.00		
25	Wet condition bedding, for manhole construction, complete in place the sum of:	EA	1	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 2,500.00	\$ 2,500.00	\$ 700.00	\$ 700.00		
26	Point repair of 8" to 12" sanitary sewer, all depths, complete in place, the sum of:	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,500.00	\$ 5,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,500.00	\$ 3,000.00	\$ 1,000.00	\$ 2,000.00		
27	Extra length for point repair of 8" to 12" sanitary sewer, all depths, complete in place, the sum of:	L.F.	25	\$ 30.00	\$ 750.00	\$ 30.00	\$ 750.00	\$ 30.00	\$ 750.00	\$ 30.00	\$ 750.00	\$ 50.00	\$ 1,250.00	\$ 30.00	\$ 750.00		
28	Obstruction removal (by excavation), all depths, the sum of, complete in place the sum of:	EA	8	\$ 700.00	\$ 5,600.00	\$ 700.00	\$ 5,600.00	\$ 1,800.00	\$ 14,400.00	\$ 700.00	\$ 5,600.00	\$ 700.00	\$ 5,600.00	\$ 700.00	\$ 5,600.00		
29	Extra length for obstruction removal (by excavation), all depths, complete in place the sum of:	L.F.	200	\$ 20.00	\$ 4,000.00	\$ 20.00	\$ 4,000.00	\$ 20.00	\$ 4,000.00	\$ 20.00	\$ 4,000.00	\$ 35.00	\$ 7,000.00	\$ 20.00	\$ 4,000.00		
30	Obstruction removal (by remote), all depths, the sum of, complete in place the sum of:	EA	1	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 900.00	\$ 900.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 500.00		
31	Service Reconnection by remote, all depths, all pipe sizes, complete in place the sum of:	EA	2	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00	\$ 400.00	\$ 800.00	\$ 150.00	\$ 300.00		
32	Conflict storm sewer manhole with sump, includes steel casing, complete in place the sum of:	EA	1	\$ 5,865.00	\$ 5,865.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,500.00	\$ 3,500.00	\$ 3,000.00	\$ 3,000.00		
33	Proposed 12" split steel casing in conflict storm manhole as directed by Engineer, complete in place the sum of:	L.F.	20	\$ 55.00	\$ 1,100.00	\$ 55.00	\$ 1,100.00	\$ 55.00	\$ 1,100.00	\$ 55.00	\$ 1,100.00	\$ 100.00	\$ 2,000.00	\$ 55.00	\$ 1,100.00		
34	Remove & replace exist. concrete pavement, complete in place the sum of:	S.Y.	50	\$ 50.00	\$ 2,500.00	\$ 50.00	\$ 2,500.00	\$ 50.00	\$ 2,500.00	\$ 50.00	\$ 2,500.00	\$ 85.00	\$ 4,250.00	\$ 50.00	\$ 2,500.00		
35	Remove & replace exist. asphalt pavement, complete in place the sum of:	S.Y.	50	\$ 35.00	\$ 1,750.00	\$ 35.00	\$ 1,750.00	\$ 35.00	\$ 1,750.00	\$ 35.00	\$ 1,750.00	\$ 45.00	\$ 2,250.00	\$ 35.00	\$ 1,750.00		
36	Install extra cement stabilized sand backfill, complete in place the sum of:	C.Y.	30	\$ 20.00	\$ 600.00	\$ 20.00	\$ 600.00	\$ 20.00	\$ 600.00	\$ 20.00	\$ 600.00	\$ 30.00	\$ 900.00	\$ 20.00	\$ 600.00		
37	Extra concrete (all classes), complete in place the sum of:	C.Y.	20	\$ 60.00	\$ 1,200.00	\$ 60.00	\$ 1,200.00	\$ 60.00	\$ 1,200.00	\$ 60.00	\$ 1,200.00	\$ 250.00	\$ 5,000.00	\$ 60.00	\$ 1,200.00		
38	Remove & replace existing concrete driveway, including reinforcement, complete in place the sum of:	S.Y.	50	\$ 25.00	\$ 1,250.00	\$ 25.00	\$ 1,250.00	\$ 25.00	\$ 1,250.00	\$ 25.00	\$ 1,250.00	\$ 75.00	\$ 3,750.00	\$ 25.00	\$ 1,250.00		
39	Remove & replace existing concrete sidewalk, complete in place the sum of:	S.F.	100	\$ 4.00	\$ 400.00	\$ 4.00	\$ 400.00	\$ 4.00	\$ 400.00	\$ 4.00	\$ 400.00	\$ 7.00	\$ 700.00	\$ 4.00	\$ 400.00		
40	Remove & replace existing concrete curb, complete in place the sum of:	L.F.	50	\$ 5.00	\$ 250.00	\$ 5.00	\$ 250.00	\$ 5.00	\$ 250.00	\$ 5.00	\$ 250.00	\$ 25.00	\$ 1,250.00	\$ 5.00	\$ 250.00		
41	Remove and replace wheelchair ramp, in conformance to ADA requirements, including sawcutting, reinforcement and joints, and truncated domes, complete in place the sum of:	S.Y.	10	\$ 75.00	\$ 750.00	\$ 75.00	\$ 750.00	\$ 75.00	\$ 750.00	\$ 75.00	\$ 750.00	\$ 125.00	\$ 1,250.00	\$ 75.00	\$ 750.00		
42	Extra Depth for precast manhole installation over 8' deep, complete in place, the sum of:	V.F.	5	\$ 125.00	\$ 625.00	\$ 125.00	\$ 625.00	\$ 125.00	\$ 625.00	\$ 125.00	\$ 625.00	\$ 300.00	\$ 1,500.00	\$ 125.00	\$ 625.00		
43	Brace, support, and protect power poles and utility structures, complete in place, the sum of:	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00		
TOTAL SUPPLEMENTAL BID ITEMS:					\$ 34,840.00		\$ 31,975.00		\$ 44,175.00		\$ 31,975.00		\$ 64,400.00		\$ 31,975.00		
TOTAL BASE BID ITEMS:					\$ 750,024.00		\$ 767,495.00		\$ 755,530.00		\$ 791,839.50		\$ 796,707.50		\$ 952,607.50		
TOTAL SUPPLEMENTAL ITEMS:					\$ 34,840.00		\$ 31,975.00		\$ 44,175.00		\$ 31,975.00		\$ 64,400.00		\$ 31,975.00		
TOTAL BASE BID & SUPPLEMENTAL ITEMS:					\$ 784,864.00		\$ 799,470.00		\$ 799,705.00		\$ 823,814.50		\$ 861,107.50		\$ 984,582.50		
RECOMMENDATION: TOTAL BASE BID + SUPPLEMENTAL:					\$ 784,864.00		\$ 799,470.00		\$ 799,705.00		\$ 823,814.50		\$ 861,107.50		\$ 984,582.50		
MATHEMATICAL ERROR CORRECTED BY ENGINEER																	