



October 1, 2020

Mr. Jaime Dino  
Project Manager  
City of League City  
300 W. Walker St.  
League City, Texas 77573

Re: **Letter of Recommendation for 2019 Water Line Improvements Project (WT 1904)**  
**Phase II – Bayou Brae & Newport**  
**Bid No. 20-CIP-024**  
ARKK Job No. 19-019

Dear Mr. Dino:

On September 16, 2020, the City of League City received eleven (11) bids for the above referenced project. The project includes the replacement of existing water lines by trenchless construction located in the Bayou Brae and Newport Subdivisions. Attached is the bid tabulation prepared by ARKK Engineers, LLC. Our review of the bid tabulation confirms that **Statewide Services, 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. The bid from Lopez Construction was deemed non-responsive since they did not provide a calendar day bid and is not included as part of the bid tab. Please note that our evaluation of the bids did not include an evaluation of the other bid documents (insurance, references, financial statements, bid bonds, etc.).

Statewide Services, Inc. has recently completed a water line installation project for the City of League City (2018 Water Line Improvements Project WT 1302A). ARKK's staff has also contacted Statewide Services, Inc.'s Owner and were informed that they are familiar with the City's requirements and expectations, and are excited with this opportunity. Statewide Services, Inc.'s Owner also indicated that they have added additional qualified personnel and have the experience to complete the work successfully on time.

Statewide Services, 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 2019 Water Line Improvements Project: Phase II – Bayou Brae & Newport (WT 1904) to Statewide Services, Inc. for a total of \$1,198,575.00.**

If you have any questions, please contact me.

Sincerely,

ARKK ENGINEERS, LLC



Madhu Kilambi, P.E.

Senior Project Manager/Principal

Cc: Mr. Jody Hooks – City of League City  
Mr. Anthony Talluto – City of League City

2019 Water Line Improvements Project - Phase II - Bayou Brae Newport (WT 1904)  
Bid No. 20-CIP-024

| ITEM NO.                                              | ITEM DESCRIPTION                                                                                                            | UNIT | QUAN. | Engineer's Estimate |                 | Preferred Industrial Contractors, Inc. |                 | G&A Directional Boring, LLC |                 | LOW BIDDER      |                 | Statewide Services, Inc. |                 | Nerie Construction, LLC |  |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------|-------|---------------------|-----------------|----------------------------------------|-----------------|-----------------------------|-----------------|-----------------|-----------------|--------------------------|-----------------|-------------------------|--|
| WATER LINE ITEMS:                                     |                                                                                                                             |      |       |                     |                 |                                        |                 |                             |                 |                 |                 |                          |                 |                         |  |
| 1                                                     | 6" PVC C-900, Class 150 waterline by augered or open cut construction, all depths:                                          | L.F. | 30    | \$ 35.00            | \$ 1,050.00     | \$ 28.00                               | \$ 840.00       | \$ 35.00                    | \$ 1,050.00     | \$ 40.00        | \$ 1,200.00     | \$ 55.00                 | \$ 1,650.00     |                         |  |
| 2                                                     | 8" PVC C-900, Class 150 waterline by augered or open cut construction, all depths:                                          | L.F. | 15660 | \$ 37.00            | \$ 579,420.00   | \$ 31.00                               | \$ 485,460.00   | \$ 40.00                    | \$ 626,400.00   | \$ 33.00        | \$ 516,780.00   | \$ 45.00                 | \$ 704,700.00   |                         |  |
| 3                                                     | 8" CERTA-LOK waterline by augered or open cut construction, all depths:                                                     | L.F. | 1520  | \$ 50.00            | \$ 76,000.00    | \$ 43.00                               | \$ 65,360.00    | \$ 48.00                    | \$ 72,960.00    | \$ 55.00        | \$ 83,600.00    | \$ 55.00                 | \$ 83,600.00    |                         |  |
| 4                                                     | Bored 14" thru 16" Steel Casing w/ 8" PVC C-900, Class 150 waterline, for Sanitary Sewer and Culvert crossings, all depths: | L.F. | 100   | \$ 220.00           | \$ 22,000.00    | \$ 105.00                              | \$ 10,500.00    | \$ 130.00                   | \$ 13,000.00    | \$ 150.00       | \$ 15,000.00    | \$ 200.00                | \$ 20,000.00    |                         |  |
| 5                                                     | 8" resilient seated gate valve with box:                                                                                    | EA.  | 38    | \$ 1,600.00         | \$ 60,800.00    | \$ 1,225.00                            | \$ 46,550.00    | \$ 1,100.00                 | \$ 41,800.00    | \$ 1,650.00     | \$ 62,700.00    | \$ 2,000.00              | \$ 76,000.00    |                         |  |
| 6                                                     | 8" x 8" tapping sleeve and valve with box:                                                                                  | EA.  | 3     | \$ 6,500.00         | \$ 19,500.00    | \$ 3,200.00                            | \$ 9,600.00     | \$ 5,000.00                 | \$ 15,000.00    | \$ 4,000.00     | \$ 12,000.00    | \$ 4,700.00              | \$ 14,100.00    |                         |  |
| 7                                                     | Fire hydrant assembly installed on new water main, including gate valve and lead pipe:                                      | EA.  | 36    | \$ 4,750.00         | \$ 171,000.00   | \$ 5,000.00                            | \$ 180,000.00   | \$ 3,500.00                 | \$ 126,000.00   | \$ 4,650.00     | \$ 167,400.00   | \$ 4,200.00              | \$ 151,200.00   |                         |  |
| 8                                                     | Blue Fire hydrant assembly installed on new water main, including gate valve and lead pipe:                                 | EA.  | 1     | \$ 4,750.00         | \$ 4,750.00     | \$ 5,500.00                            | \$ 5,500.00     | \$ 3,000.00                 | \$ 3,000.00     | \$ 5,500.00     | \$ 5,500.00     | \$ 4,800.00              | \$ 4,800.00     |                         |  |
| 9                                                     | Remove and dispose of existing fire hydrants and blow off valves:                                                           | EA.  | 14    | \$ 450.00           | \$ 6,300.00     | \$ 450.00                              | \$ 6,300.00     | \$ 300.00                   | \$ 4,200.00     | \$ 600.00       | \$ 8,400.00     | \$ 350.00                | \$ 4,900.00     |                         |  |
| 10                                                    | Abandon existing valve, includes removal and dispose of box, lid, and backfill:                                             | EA.  | 23    | \$ 750.00           | \$ 17,250.00    | \$ 375.00                              | \$ 8,625.00     | \$ 300.00                   | \$ 6,900.00     | \$ 120.00       | \$ 2,760.00     | \$ 500.00                | \$ 11,500.00    |                         |  |
| 11                                                    | Install short side service, includes min. 1" polyethylene tubing:                                                           | EA.  | 105   | \$ 550.00           | \$ 57,750.00    | \$ 885.00                              | \$ 92,925.00    | \$ 700.00                   | \$ 73,500.00    | \$ 600.00       | \$ 63,000.00    | \$ 650.00                | \$ 68,250.00    |                         |  |
| 12                                                    | Install long side service, includes min. 1" polyethylene tubing:                                                            | EA.  | 110   | \$ 650.00           | \$ 71,500.00    | \$ 1,545.00                            | \$ 169,950.00   | \$ 1,000.00                 | \$ 110,000.00   | \$ 850.00       | \$ 93,500.00    | \$ 750.00                | \$ 82,500.00    |                         |  |
| 13                                                    | 2" Service Tap:                                                                                                             | EA.  | 1     | \$ 1,500.00         | \$ 1,500.00     | \$ 2,800.00                            | \$ 2,800.00     | \$ 1,700.00                 | \$ 1,700.00     | \$ 2,400.00     | \$ 2,400.00     | \$ 1,500.00              | \$ 1,500.00     |                         |  |
| 14                                                    | 6" Wet Connection                                                                                                           | E.A. | 1     | \$ 800.00           | \$ 800.00       | \$ 1,750.00                            | \$ 1,750.00     | \$ 1,000.00                 | \$ 1,000.00     | \$ 600.00       | \$ 600.00       | \$ 3,000.00              | \$ 3,000.00     |                         |  |
| 15                                                    | 8" Wet Connection                                                                                                           | E.A. | 9     | \$ 1,200.00         | \$ 10,800.00    | \$ 1,950.00                            | \$ 17,550.00    | \$ 1,100.00                 | \$ 9,900.00     | \$ 600.00       | \$ 5,400.00     | \$ 4,500.00              | \$ 40,500.00    |                         |  |
| 16                                                    | 4" cut, plug and abandon existing water line:                                                                               | EA.  | 6     | \$ 450.00           | \$ 2,700.00     | \$ 500.00                              | \$ 3,000.00     | \$ 150.00                   | \$ 900.00       | \$ 450.00       | \$ 2,700.00     | \$ 800.00                | \$ 4,800.00     |                         |  |
| 17                                                    | 6" cut, plug and abandon existing water line:                                                                               | EA.  | 6     | \$ 500.00           | \$ 3,000.00     | \$ 500.00                              | \$ 3,000.00     | \$ 200.00                   | \$ 1,200.00     | \$ 500.00       | \$ 3,000.00     | \$ 1,200.00              | \$ 7,200.00     |                         |  |
| 18                                                    | 8" cut, plug and abandon existing water line:                                                                               | EA.  | 9     | \$ 750.00           | \$ 6,750.00     | \$ 750.00                              | \$ 6,750.00     | \$ 400.00                   | \$ 3,600.00     | \$ 500.00       | \$ 4,500.00     | \$ 1,500.00              | \$ 13,500.00    |                         |  |
| 19                                                    | Inlet Protection Barrier (All-Types):                                                                                       | EA.  | 48    | \$ 150.00           | \$ 7,200.00     | \$ 125.00                              | \$ 6,000.00     | \$ 50.00                    | \$ 2,400.00     | \$ 45.00        | \$ 2,160.00     | \$ 250.00                | \$ 12,000.00    |                         |  |
| 20                                                    | Trench Safety System for all water mains, greater than 5-feet deep:                                                         | L.F. | 5000  | \$ 1.50             | \$ 7,500.00     | \$ 1.25                                | \$ 6,250.00     | \$ 0.50                     | \$ 2,500.00     | \$ 0.10         | \$ 500.00       | \$ 1.00                  | \$ 5,000.00     |                         |  |
| 21                                                    | Remove and Replace existing concrete pavement (all thicknesses):                                                            | SY   | 50    | \$ 75.00            | \$ 3,750.00     | \$ 80.00                               | \$ 4,000.00     | \$ 120.00                   | \$ 6,000.00     | \$ 80.00        | \$ 4,000.00     | \$ 110.00                | \$ 5,500.00     |                         |  |
| 22                                                    | Remove and Replace existing concrete sidewalk:                                                                              | SY   | 50    | \$ 75.00            | \$ 3,750.00     | \$ 70.00                               | \$ 3,500.00     | \$ 120.00                   | \$ 6,000.00     | \$ 70.00        | \$ 3,500.00     | \$ 80.00                 | \$ 4,000.00     |                         |  |
| 23                                                    | Project Sign, Per Detail:                                                                                                   | EA.  | 2     | \$ 1,500.00         | \$ 3,000.00     | \$ 1,250.00                            | \$ 2,500.00     | \$ 700.00                   | \$ 1,400.00     | \$ 1,000.00     | \$ 2,000.00     | \$ 1,500.00              | \$ 3,000.00     |                         |  |
| 24                                                    | Tree Protection:                                                                                                            | LS   | 1     | \$ 15,000.00        | \$ 15,000.00    | \$ 9,500.00                            | \$ 9,500.00     | \$ 2,000.00                 | \$ 2,000.00     | \$ 35,000.00    | \$ 35,000.00    | \$ 800.00                | \$ 800.00       |                         |  |
| 25                                                    | Miscellaneous Allowance as approved by the City:                                                                            | L.S. | 1     | \$ 50,000.00        | \$ 50,000.00    | \$ 50,000.00                           | \$ 50,000.00    | \$ 50,000.00                | \$ 50,000.00    | \$ 50,000.00    | \$ 50,000.00    | \$ 50,000.00             | \$ 50,000.00    |                         |  |
| TOTAL WATER LINE BID ITEMS:                           |                                                                                                                             |      |       |                     | \$ 1,203,070.00 |                                        | \$ 1,198,210.00 |                             | \$ 1,182,410.00 |                 | \$ 1,147,600.00 |                          | \$ 1,374,000.00 |                         |  |
| SUPPLEMENTAL ITEMS                                    |                                                                                                                             |      |       |                     |                 |                                        |                 |                             |                 |                 |                 |                          |                 |                         |  |
| 26                                                    | Extra concrete, includes reinforcement:                                                                                     | C.Y. | 50    | \$ 60.00            | \$ 3,000.00     | \$ 60.00                               | \$ 3,000.00     | \$ 60.00                    | \$ 3,000.00     | \$ 60.00        | \$ 3,000.00     | \$ 60.00                 | \$ 3,000.00     |                         |  |
| 27                                                    | Installation of new meter box, per detail, at locations approved by the City:                                               | EA.  | 25    | \$ 100.00           | \$ 2,500.00     | \$ 100.00                              | \$ 2,500.00     | \$ 100.00                   | \$ 2,500.00     | \$ 100.00       | \$ 2,500.00     | \$ 100.00                | \$ 2,500.00     |                         |  |
| 28                                                    | 6-inch Inserta Valve on existing waterline:                                                                                 | EA.  | 1     | \$ 4,000.00         | \$ 4,000.00     | \$ 4,000.00                            | \$ 4,000.00     | \$ 9,000.00                 | \$ 9,000.00     | \$ 4,000.00     | \$ 4,000.00     | \$ 4,000.00              | \$ 4,000.00     |                         |  |
| 29                                                    | 8-inch Inserta Valve on existing waterline:                                                                                 | EA.  | 1     | \$ 4,500.00         | \$ 4,500.00     | \$ 4,500.00                            | \$ 4,500.00     | \$ 10,000.00                | \$ 10,000.00    | \$ 4,500.00     | \$ 4,500.00     | \$ 4,500.00              | \$ 4,500.00     |                         |  |
| 30                                                    | 4-inch Wet Connection:                                                                                                      | EA.  | 1     | \$ 500.00           | \$ 500.00       | \$ 500.00                              | \$ 500.00       | \$ 500.00                   | \$ 500.00       | \$ 500.00       | \$ 500.00       | \$ 500.00                | \$ 500.00       |                         |  |
| 31                                                    | Wet condition bedding, all sizes, all depths:                                                                               | L.F. | 100   | \$ 5.00             | \$ 500.00       | \$ 5.00                                | \$ 500.00       | \$ 5.00                     | \$ 500.00       | \$ 5.00         | \$ 500.00       | \$ 5.00                  | \$ 500.00       |                         |  |
| 32                                                    | Installation and removal of piezometer:                                                                                     | EA.  | 10    | \$ 80.00            | \$ 800.00       | \$ 80.00                               | \$ 800.00       | \$ 80.00                    | \$ 800.00       | \$ 80.00        | \$ 800.00       | \$ 80.00                 | \$ 800.00       |                         |  |
| 33                                                    | Extra cement stabilized sand:                                                                                               | C.Y. | 200   | \$ 15.00            | \$ 3,000.00     | \$ 15.00                               | \$ 3,000.00     | \$ 15.00                    | \$ 3,000.00     | \$ 15.00        | \$ 3,000.00     | \$ 15.00                 | \$ 3,000.00     |                         |  |
| 34                                                    | Reinforced Filter Fabric Barrier:                                                                                           | L.F. | 50    | \$ 1.50             | \$ 75.00        | \$ 1.50                                | \$ 75.00        | \$ 1.50                     | \$ 75.00        | \$ 1.50         | \$ 75.00        | \$ 1.50                  | \$ 75.00        |                         |  |
| 35                                                    | Extra 1" polyethylene service tubing:                                                                                       | L.F. | 400   | \$ 4.00             | \$ 1,600.00     | \$ 4.00                                | \$ 1,600.00     | \$ 4.00                     | \$ 1,600.00     | \$ 4.00         | \$ 1,600.00     | \$ 4.00                  | \$ 1,600.00     |                         |  |
| 36                                                    | Solid sheet shoring ordered left in place for all sizes:                                                                    | L.F. | 100   | \$ 25.00            | \$ 2,500.00     | \$ 25.00                               | \$ 2,500.00     | \$ 25.00                    | \$ 2,500.00     | \$ 25.00        | \$ 2,500.00     | \$ 25.00                 | \$ 2,500.00     |                         |  |
| 37                                                    | Well pointing system, all depths:                                                                                           | L.F. | 100   | \$ 40.00            | \$ 4,000.00     | \$ 40.00                               | \$ 4,000.00     | \$ 40.00                    | \$ 4,000.00     | \$ 40.00        | \$ 4,000.00     | \$ 40.00                 | \$ 4,000.00     |                         |  |
| 38                                                    | Brace, support, and protect utility structures:                                                                             | EA.  | 3     | \$ 1,000.00         | \$ 3,000.00     | \$ 1,000.00                            | \$ 3,000.00     | \$ 1,000.00                 | \$ 3,000.00     | \$ 1,000.00     | \$ 3,000.00     | \$ 1,000.00              | \$ 3,000.00     |                         |  |
| 39                                                    | Removal and replacement of additional existing asphalt driveway:                                                            | S.Y. | 100   | \$ 35.00            | \$ 3,500.00     | \$ 60.00                               | \$ 6,000.00     | \$ 60.00                    | \$ 6,000.00     | \$ 60.00        | \$ 6,000.00     | \$ 60.00                 | \$ 6,000.00     |                         |  |
| 40                                                    | Removal and replacement of existing concrete driveway:                                                                      | S.Y. | 200   | \$ 70.00            | \$ 14,000.00    | \$ 70.00                               | \$ 14,000.00    | \$ 70.00                    | \$ 14,000.00    | \$ 70.00        | \$ 14,000.00    | \$ 70.00                 | \$ 14,000.00    |                         |  |
| 41                                                    | Additional removal and replacement of existing curb:                                                                        | L.F. | 100   | \$ 10.00            | \$ 1,000.00     | \$ 10.00                               | \$ 1,000.00     | \$ 10.00                    | \$ 1,000.00     | \$ 10.00        | \$ 1,000.00     | \$ 10.00                 | \$ 1,000.00     |                         |  |
| TOTAL SUPPLEMENTAL BID ITEMS:                         |                                                                                                                             |      |       |                     | \$ 48,475.00    |                                        | \$ 50,975.00    |                             | \$ 61,475.00    |                 | \$ 50,975.00    |                          | \$ 50,975.00    |                         |  |
| TOTAL BASE BID ITEMS:                                 |                                                                                                                             |      |       | \$ 1,251,545.00     |                 | \$ 1,249,185.00                        |                 | \$ 1,243,885.00             |                 | \$ 1,198,575.00 |                 | \$ 1,424,975.00          |                 |                         |  |
| TOTAL CALENDAR DAYS BID:                              |                                                                                                                             |      |       |                     |                 | 120                                    |                 | 190                         |                 | 210             |                 | 210                      |                 |                         |  |
| VALUE OF CALENDAR DAY:                                |                                                                                                                             |      |       |                     |                 |                                        |                 | \$ 500.00                   |                 | \$ 500.00       |                 | \$ 500.00                |                 |                         |  |
| DIFFERENCE IN DAYS COMPARED TO LOWEST DAYS BID (150): |                                                                                                                             |      |       |                     |                 |                                        |                 | 70                          |                 | 90              |                 | 90                       |                 |                         |  |
| A+B TO BE ADDED TO BASE BID:                          |                                                                                                                             |      |       |                     |                 | \$ -                                   |                 | \$ 35,000.00                |                 | \$ 45,000.00    |                 | \$ 45,000.00             |                 |                         |  |
| GRAND TOTAL:                                          |                                                                                                                             |      |       |                     |                 | \$ 1,249,185.00                        |                 | \$ 1,278,885.00             |                 | \$ 1,243,575.00 |                 | \$ 1,469,975.00          |                 |                         |  |
| MATHEMATICAL ERROR CORRECTED BY ENGINEER              |                                                                                                                             |      |       |                     |                 |                                        |                 |                             |                 |                 |                 |                          |                 |                         |  |

2019 Water Line Improvements Project - Phase II - Bayou Brae Newport (WT 1904)  
 Bid No. 20-CIP-024

| ITEM NO.                                                     | ITEM DESCRIPTION                                                                                                            | UNIT | QUAN. | Precise Services, Inc. |               | D.L. Elliot Enterprises, Inc. |               | Aranda Industries, LLC |               | Alcott, Inc. dba TCH   |               | McKinney Construction, Inc. |               | Android Construction Services, LLC |               |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------|-------|------------------------|---------------|-------------------------------|---------------|------------------------|---------------|------------------------|---------------|-----------------------------|---------------|------------------------------------|---------------|
| <b>WATER LINE ITEMS:</b>                                     |                                                                                                                             |      |       |                        |               |                               |               |                        |               |                        |               |                             |               |                                    |               |
| 1                                                            | 6" PVC C-900, Class 150 waterline by augered or open cut construction, all depths:                                          | L.F. | 30    | \$ 37.50               | \$ 1,125.00   | \$ 40.00                      | \$ 1,200.00   | \$ 44.00               | \$ 1,320.00   | \$ 75.00               | \$ 2,250.00   | \$ 35.00                    | \$ 1,050.00   | \$ 40.00                           | \$ 1,200.00   |
| 2                                                            | 8" PVC C-900, Class 150 waterline by augered or open cut construction, all depths:                                          | L.F. | 15660 | \$ 46.50               | \$ 728,190.00 | \$ 44.00                      | \$ 689,040.00 | \$ 49.00               | \$ 767,340.00 | \$ 52.35               | \$ 819,801.00 | \$ 45.00                    | \$ 704,700.00 | \$ 40.00                           | \$ 626,400.00 |
| 3                                                            | 8" CERTA-LOK waterline by augered or open cut construction, all depths:                                                     | L.F. | 1520  | \$ 98.50               | \$ 149,720.00 | \$ 54.00                      | \$ 82,080.00  | \$ 68.00               | \$ 103,360.00 | \$ 84.00               | \$ 127,680.00 | \$ 55.00                    | \$ 83,600.00  | \$ 40.00                           | \$ 60,800.00  |
| 4                                                            | Bored 14" thru 16" Steel Casing w/ 8" PVC C-900, Class 150 waterline, for Sanitary Sewer and Culvert crossings, all depths: | L.F. | 100   | \$ 235.00              | \$ 23,500.00  | \$ 130.00                     | \$ 13,000.00  | \$ 191.00              | \$ 19,100.00  | \$ 325.50              | \$ 32,550.00  | \$ 125.00                   | \$ 12,500.00  | \$ 150.00                          | \$ 15,000.00  |
| 5                                                            | 8" resilient seated gate valve with box:                                                                                    | EA.  | 38    | \$ 1,350.00            | \$ 51,300.00  | \$ 1,200.00                   | \$ 45,600.00  | \$ 1,729.00            | \$ 65,702.00  | \$ 1,625.00            | \$ 61,750.00  | \$ 1,500.00                 | \$ 57,000.00  | \$ 1,500.00                        | \$ 57,000.00  |
| 6                                                            | 8" x 8" tapping sleeve and valve with box:                                                                                  | EA.  | 3     | \$ 4,650.00            | \$ 13,950.00  | \$ 5,000.00                   | \$ 15,000.00  | \$ 4,767.00            | \$ 14,301.00  | \$ 8,015.00            | \$ 24,045.00  | \$ 4,800.00                 | \$ 14,400.00  | \$ 2,300.00                        | \$ 6,900.00   |
| 7                                                            | Fire hydrant assembly installed on new water main, including gate valve and lead pipe:                                      | EA.  | 36    | \$ 4,800.00            | \$ 172,800.00 | \$ 4,500.00                   | \$ 162,000.00 | \$ 4,897.00            | \$ 176,292.00 | \$ 4,875.00            | \$ 175,500.00 | \$ 4,100.00                 | \$ 147,600.00 | \$ 4,800.00                        | \$ 172,800.00 |
| 8                                                            | Blue Fire hydrant assembly installed on new water main, including gate valve and lead pipe:                                 | EA.  | 1     | \$ 4,800.00            | \$ 4,800.00   | \$ 4,500.00                   | \$ 4,500.00   | \$ 5,287.00            | \$ 5,287.00   | \$ 4,885.00            | \$ 4,885.00   | \$ 4,100.00                 | \$ 4,100.00   | \$ 5,000.00                        | \$ 5,000.00   |
| 9                                                            | Remove and dispose of existing fire hydrants and blow off valves:                                                           | EA.  | 14    | \$ 655.00              | \$ 9,170.00   | \$ 150.00                     | \$ 2,100.00   | \$ 500.00              | \$ 7,000.00   | \$ 1,250.00            | \$ 17,500.00  | \$ 150.00                   | \$ 2,100.00   | \$ 100.00                          | \$ 1,400.00   |
| 10                                                           | Abandon existing valve, includes removal and dispose of box, lid, and backfill:                                             | EA.  | 23    | \$ 405.00              | \$ 9,315.00   | \$ 100.00                     | \$ 2,300.00   | \$ 450.00              | \$ 10,350.00  | \$ 950.00              | \$ 21,850.00  | \$ 150.00                   | \$ 3,450.00   | \$ 25.00                           | \$ 575.00     |
| 11                                                           | Install short side service, includes min. 1" polyethylene tubing:                                                           | EA.  | 105   | \$ 895.00              | \$ 93,975.00  | \$ 630.00                     | \$ 66,150.00  | \$ 568.00              | \$ 59,640.00  | \$ 1,105.00            | \$ 116,025.00 | \$ 375.00                   | \$ 39,375.00  | \$ 500.00                          | \$ 52,500.00  |
| 12                                                           | Install long side service, includes min. 1" polyethylene tubing:                                                            | EA.  | 110   | \$ 3,350.00            | \$ 368,500.00 | \$ 730.00                     | \$ 80,300.00  | \$ 832.00              | \$ 91,520.00  | \$ 1,375.00            | \$ 151,250.00 | \$ 550.00                   | \$ 60,500.00  | \$ 650.00                          | \$ 71,500.00  |
| 13                                                           | 2" Service Tap:                                                                                                             | EA.  | 1     | \$ 1,450.00            | \$ 1,450.00   | \$ 2,500.00                   | \$ 2,500.00   | \$ 1,658.00            | \$ 1,658.00   | \$ 2,435.00            | \$ 2,435.00   | \$ 1,500.00                 | \$ 1,500.00   | \$ 2,200.00                        | \$ 2,200.00   |
| 14                                                           | 6" Wet Connection                                                                                                           | E.A. | 1     | \$ 425.00              | \$ 425.00     | \$ 1,400.00                   | \$ 1,400.00   | \$ 1,062.00            | \$ 1,062.00   | \$ 2,900.00            | \$ 2,900.00   | \$ 1,000.00                 | \$ 1,000.00   | \$ 800.00                          | \$ 800.00     |
| 15                                                           | 8" Wet Connection                                                                                                           | E.A. | 9     | \$ 680.00              | \$ 6,120.00   | \$ 1,500.00                   | \$ 13,500.00  | \$ 1,062.00            | \$ 9,558.00   | \$ 3,470.00            | \$ 31,230.00  | \$ 1,200.00                 | \$ 10,800.00  | \$ 1,000.00                        | \$ 9,000.00   |
| 16                                                           | 4" cut, plug and abandon existing water line:                                                                               | EA.  | 6     | \$ 225.00              | \$ 1,350.00   | \$ 900.00                     | \$ 5,400.00   | \$ 997.00              | \$ 5,982.00   | \$ 705.00              | \$ 4,230.00   | \$ 500.00                   | \$ 3,000.00   | \$ 600.00                          | \$ 3,600.00   |
| 17                                                           | 6" cut, plug and abandon existing water line:                                                                               | EA.  | 6     | \$ 480.00              | \$ 2,880.00   | \$ 1,000.00                   | \$ 6,000.00   | \$ 997.00              | \$ 5,982.00   | \$ 925.00              | \$ 5,550.00   | \$ 500.00                   | \$ 3,000.00   | \$ 750.00                          | \$ 4,500.00   |
| 18                                                           | 8" cut, plug and abandon existing water line:                                                                               | EA.  | 9     | \$ 630.00              | \$ 5,670.00   | \$ 1,100.00                   | \$ 9,900.00   | \$ 997.00              | \$ 8,973.00   | \$ 1,155.00            | \$ 10,395.00  | \$ 500.00                   | \$ 4,500.00   | \$ 850.00                          | \$ 7,650.00   |
| 19                                                           | Inlet Protection Barrier (All-Types):                                                                                       | EA.  | 48    | \$ 75.00               | \$ 3,600.00   | \$ 50.00                      | \$ 2,400.00   | \$ 10.00               | \$ 480.00     | \$ 106.00              | \$ 5,088.00   | \$ 75.00                    | \$ 3,600.00   | \$ 50.00                           | \$ 2,400.00   |
| 20                                                           | Trench Safety System for all water mains, greater than 5-feet deep:                                                         | L.F. | 5000  | \$ 0.10                | \$ 500.00     | \$ 0.01                       | \$ 50.00      | \$ 1.00                | \$ 5,000.00   | \$ 1.00                | \$ 5,000.00   | \$ 0.01                     | \$ 50.00      | \$ 0.50                            | \$ 2,500.00   |
| 21                                                           | Remove and Replace existing concrete pavement (all thicknesses):                                                            | SY   | 50    | \$ 175.00              | \$ 8,750.00   | \$ 100.00                     | \$ 5,000.00   | \$ 100.00              | \$ 5,000.00   | \$ 250.00              | \$ 12,500.00  | \$ 100.00                   | \$ 5,000.00   | \$ 100.00                          | \$ 5,000.00   |
| 22                                                           | Remove and Replace existing concrete sidewalk:                                                                              | SY   | 50    | \$ 142.00              | \$ 7,100.00   | \$ 75.00                      | \$ 3,750.00   | \$ 75.00               | \$ 3,750.00   | \$ 125.00              | \$ 6,250.00   | \$ 100.00                   | \$ 5,000.00   | \$ 100.00                          | \$ 5,000.00   |
| 23                                                           | Project Sign, Per Detail:                                                                                                   | EA.  | 2     | \$ 750.00              | \$ 1,500.00   | \$ 500.00                     | \$ 1,000.00   | \$ 1,000.00            | \$ 2,000.00   | \$ 1,050.00            | \$ 2,100.00   | \$ 1,000.00                 | \$ 2,000.00   | \$ 750.00                          | \$ 1,500.00   |
| 24                                                           | Tree Protection:                                                                                                            | LS   | 1     | \$ 12,500.00           | \$ 12,500.00  | \$ 3,500.00                   | \$ 3,500.00   | \$ 7,500.00            | \$ 7,500.00   | \$ 8,250.00            | \$ 8,250.00   | \$ 2,000.00                 | \$ 2,000.00   | \$ 5,000.00                        | \$ 5,000.00   |
| 25                                                           | Miscellaneous Allowance as approved by the City:                                                                            | L.S. | 1     | \$ 50,000.00           | \$ 50,000.00  | \$ 50,000.00                  | \$ 50,000.00  | \$ 50,000.00           | \$ 50,000.00  | \$ 50,000.00           | \$ 50,000.00  | \$ 50,000.00                | \$ 50,000.00  | \$ 50,000.00                       | \$ 50,000.00  |
| <b>TOTAL WATER LINE BID ITEMS:</b>                           |                                                                                                                             |      |       | <b>\$ 1,728,190.00</b> |               | <b>\$ 1,267,670.00</b>        |               | <b>\$ 1,428,157.00</b> |               | <b>\$ 1,701,014.00</b> |               | <b>\$ 1,221,825.00</b>      |               | <b>\$ 1,170,225.00</b>             |               |
| <b>SUPPLEMENTAL ITEMS</b>                                    |                                                                                                                             |      |       |                        |               |                               |               |                        |               |                        |               |                             |               |                                    |               |
| 26                                                           | Extra concrete, includes reinforcement:                                                                                     | C.Y. | 50    | \$ 90.00               | \$ 4,500.00   | \$ 60.00                      | \$ 3,000.00   | \$ 60.00               | \$ 3,000.00   | \$ 60.00               | \$ 3,000.00   | \$ 60.00                    | \$ 3,000.00   | \$ 60.00                           | \$ 3,000.00   |
| 27                                                           | Installation of new meter box, per detail, at locations approved by the City:                                               | EA.  | 25    | \$ 550.00              | \$ 13,750.00  | \$ 100.00                     | \$ 2,500.00   | \$ 100.00              | \$ 2,500.00   | \$ 550.00              | \$ 13,750.00  | \$ 100.00                   | \$ 2,500.00   | \$ 100.00                          | \$ 2,500.00   |
| 28                                                           | 6-inch Inserta Valve on existing waterline:                                                                                 | EA.  | 1     | \$ 16,750.00           | \$ 16,750.00  | \$ 4,000.00                   | \$ 4,000.00   | \$ 7,800.00            | \$ 7,800.00   | \$ 11,575.00           | \$ 11,575.00  | \$ 4,000.00                 | \$ 4,000.00   | \$ 5,000.00                        | \$ 5,000.00   |
| 29                                                           | 8-inch Inserta Valve on existing waterline:                                                                                 | EA.  | 1     | \$ 19,325.00           | \$ 19,325.00  | \$ 4,500.00                   | \$ 4,500.00   | \$ 8,775.00            | \$ 8,775.00   | \$ 12,805.00           | \$ 12,805.00  | \$ 4,500.00                 | \$ 4,500.00   | \$ 5,500.00                        | \$ 5,500.00   |
| 30                                                           | 4-inch Wet Connection:                                                                                                      | EA.  | 1     | \$ 500.00              | \$ 500.00     | \$ 500.00                     | \$ 500.00     | \$ 500.00              | \$ 500.00     | \$ 2,360.00            | \$ 2,360.00   | \$ 500.00                   | \$ 500.00     | \$ 500.00                          | \$ 500.00     |
| 31                                                           | Wet condition bedding, all sizes, all depths:                                                                               | L.F. | 100   | \$ 20.00               | \$ 2,000.00   | \$ 5.00                       | \$ 500.00     | \$ 5.00                | \$ 500.00     | \$ 5.00                | \$ 500.00     | \$ 5.00                     | \$ 500.00     | \$ 5.00                            | \$ 500.00     |
| 32                                                           | Installation and removal of piezometer:                                                                                     | EA.  | 10    | \$ 200.00              | \$ 2,000.00   | \$ 80.00                      | \$ 800.00     | \$ 80.00               | \$ 800.00     | \$ 375.00              | \$ 3,750.00   | \$ 80.00                    | \$ 800.00     | \$ 80.00                           | \$ 800.00     |
| 33                                                           | Extra cement stabilized sand:                                                                                               | C.Y. | 200   | \$ 45.00               | \$ 9,000.00   | \$ 15.00                      | \$ 3,000.00   | \$ 15.00               | \$ 3,000.00   | \$ 45.00               | \$ 9,000.00   | \$ 15.00                    | \$ 3,000.00   | \$ 15.00                           | \$ 3,000.00   |
| 34                                                           | Reinforced Filter Fabric Barrier:                                                                                           | L.F. | 50    | \$ 2.00                | \$ 100.00     | \$ 1.50                       | \$ 75.00      | \$ 2.00                | \$ 100.00     | \$ 3.50                | \$ 175.00     | \$ 1.50                     | \$ 75.00      | \$ 1.50                            | \$ 75.00      |
| 35                                                           | Extra 1" polyethylene service tubing:                                                                                       | L.F. | 400   | \$ 4.00                | \$ 1,600.00   | \$ 4.00                       | \$ 1,600.00   | \$ 4.00                | \$ 1,600.00   | \$ 5.00                | \$ 2,000.00   | \$ 4.00                     | \$ 1,600.00   | \$ 4.00                            | \$ 1,600.00   |
| 36                                                           | Solid sheet shoring ordered left in place for all sizes:                                                                    | L.F. | 100   | \$ 40.00               | \$ 4,000.00   | \$ 25.00                      | \$ 2,500.00   | \$ 25.00               | \$ 2,500.00   | \$ 25.00               | \$ 2,500.00   | \$ 25.00                    | \$ 2,500.00   | \$ 25.00                           | \$ 2,500.00   |
| 37                                                           | Well pointing system, all depths:                                                                                           | L.F. | 100   | \$ 40.00               | \$ 4,000.00   | \$ 40.00                      | \$ 4,000.00   | \$ 40.00               | \$ 4,000.00   | \$ 40.00               | \$ 4,000.00   | \$ 40.00                    | \$ 4,000.00   | \$ 40.00                           | \$ 4,000.00   |
| 38                                                           | Brace, support, and protect utility structures:                                                                             | EA.  | 3     | \$ 1,500.00            | \$ 4,500.00   | \$ 1,000.00                   | \$ 3,000.00   | \$ 1,000.00            | \$ 3,000.00   | \$ 1,000.00            | \$ 3,000.00   | \$ 1,000.00                 | \$ 3,000.00   | \$ 1,000.00                        | \$ 3,000.00   |
| 39                                                           | Removal and replacement of additional existing asphalt driveway:                                                            | S.Y. | 100   | \$ 80.00               | \$ 8,000.00   | \$ 60.00                      | \$ 6,000.00   | \$ 60.00               | \$ 6,000.00   | \$ 60.00               | \$ 6,000.00   | \$ 60.00                    | \$ 6,000.00   | \$ 60.00                           | \$ 6,000.00   |
| 40                                                           | Removal and replacement of existing concrete driveway:                                                                      | S.Y. | 200   | \$ 95.00               | \$ 19,000.00  | \$ 70.00                      | \$ 14,000.00  | \$ 70.00               | \$ 14,000.00  | \$ 70.00               | \$ 14,000.00  | \$ 70.00                    | \$ 14,000.00  | \$ 70.00                           | \$ 14,000.00  |
| 41                                                           | Additional removal and replacement of existing curb:                                                                        | L.F. | 100   | \$ 20.00               | \$ 2,000.00   | \$ 10.00                      | \$ 1,000.00   | \$ 10.00               | \$ 1,000.00   | \$ 10.00               | \$ 1,000.00   | \$ 10.00                    | \$ 1,000.00   | \$ 10.00                           | \$ 1,000.00   |
| <b>TOTAL SUPPLEMENTAL BID ITEMS:</b>                         |                                                                                                                             |      |       | <b>\$ 111,025.00</b>   |               | <b>\$ 50,975.00</b>           |               | <b>\$ 59,075.00</b>    |               | <b>\$ 89,415.00</b>    |               | <b>\$ 50,975.00</b>         |               | <b>\$ 52,975.00</b>                |               |
| <b>TOTAL BASE BID ITEMS:</b>                                 |                                                                                                                             |      |       | <b>\$ 1,839,215.00</b> |               | <b>\$ 1,318,645.00</b>        |               | <b>\$ 1,487,232.00</b> |               | <b>\$ 1,790,429.00</b> |               | <b>\$ 1,272,800.00</b>      |               | <b>\$ 1,223,200.00</b>             |               |
| <b>TOTAL CALENDAR DAYS BID:</b>                              |                                                                                                                             |      |       | <b>210</b>             |               | <b>230</b>                    |               | <b>240</b>             |               | <b>240</b>             |               | <b>250</b>                  |               | <b>395</b>                         |               |
| <b>VALUE OF CALENDAR DAY:</b>                                |                                                                                                                             |      |       | <b>\$ 500.00</b>       |               | <b>\$ 500.00</b>              |               | <b>\$ 500.00</b>       |               | <b>\$ 500.00</b>       |               | <b>\$ 500.00</b>            |               | <b>\$ 500.00</b>                   |               |
| <b>DIFFERENCE IN DAYS COMPARED TO LOWEST DAYS BID (150):</b> |                                                                                                                             |      |       | <b>90</b>              |               | <b>110</b>                    |               | <b>120</b>             |               | <b>120</b>             |               | <b>130</b>                  |               | <b>275</b>                         |               |
| <b>A+B TO BE ADDED TO BASE BID:</b>                          |                                                                                                                             |      |       | <b>\$ 45,000.00</b>    |               | <b>\$ 55,000.00</b>           |               | <b>\$ 60,000.00</b>    |               | <b>\$ 60,000.00</b>    |               | <b>\$ 65,000.00</b>         |               | <b>\$ 137,500.00</b>               |               |
| <b>GRAND TOTAL:</b>                                          |                                                                                                                             |      |       | <b>\$ 1,884,215.00</b> |               | <b>\$ 1,373,645.00</b>        |               | <b>\$ 1,547,232.00</b> |               | <b>\$ 1,850,429.00</b> |               | <b>\$ 1,337,800.00</b>      |               | <b>\$ 1,360,700.00</b>             |               |
| <b>MATHEMATICAL ERROR CORRECTED BY ENGINEER</b>              |                                                                                                                             |      |       |                        |               |                               |               |                        |               |                        |               |                             |               |                                    |               |