

**BID TABULATION FOR:**

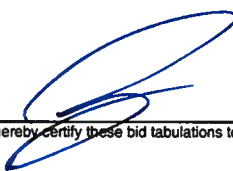
**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
TO SERVE GRAND OAKS SECTION 12  
ROLLING CREEK UTILITY DISTRICT  
CITY OF HOUSTON, E.T.J., HARRIS COUNTY, TEXAS  
FEBRUARY 14, 2020  
LJA ENGINEERING, INC.  
A.OTTO  
FEBRUARY 14, 2020  
1037-6012 (9.2)

| BIDDER'S NAME   | TOTAL BID AMOUNT |
|---|------------------|
| 1) TEXASITE, LLC  | \$334,386.00     |
| 2) FELLERS AND CLARK, L.P.                              | \$344,700.00     |
| 3) HURTADO CONSTRUCTION COMPANY                         | \$345,631.72     |
| 4) CROSTEX CONSTRUCTION, INC.                           | \$350,000.00     |
| 5) SOUTH CENTRAL TEXAS EXCAVATION AND CONSTRUCTION, LLC | \$360,186.58     |
| 6) CLEARWATER UTILITIES, INC.                           | \$361,705.18     |
| 7) D.L. ELLIOTT ENTERPRISES, INC.                       | \$365,698.00 *   |
| 8) R CONSTRUCTION, LLC                                  | \$784,581.10 *   |

CALENDAR DAYS - 30/40

LJA Engineering, Inc.



I, Jason Kelly, PE, hereby certify these bid tabulations to be true and correct.



\* DENOTES MATHEMATICAL ERROR

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3) HURTADO CONSTRUCTION COMPANY

| ITEM DESCRIPTION  | UNIT | QTY   | UNIT COST  | TOTAL COST         | UNIT COST  | TOTAL COST         | UNIT COST  | TOTAL COST         |  |
|---|------|-------|------------|--------------------|------------|--------------------|------------|--------------------|--|
| <b>WATER ITEMS</b>  |      |       |            |                    |            |                    |            |                    |  |
| 1. 12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE  | LF   | 9     | \$65.00    | \$585.00           | \$66.80    | \$601.20           | \$56.88    | \$511.92           |  |
| 2. 8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE   | LF   | 1,377 | \$25.00    | \$34,425.00        | \$30.55    | \$42,067.35        | \$28.88    | \$39,767.76        |  |
| 3. 8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE   | LF   | 341   | \$44.00    | \$15,004.00        | \$24.50    | \$8,354.50         | \$28.88    | \$9,848.08         |  |
| 4. FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE   | EA   | 3     | \$3,100.00 | \$9,300.00         | \$3,080.00 | \$9,240.00         | \$3,288.00 | \$9,864.00         |  |
| 5. 2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE   | EA   | 4     | \$500.00   | \$2,000.00         | \$440.00   | \$1,760.00         | \$548.00   | \$2,192.00         |  |
| 6. PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE  | EA   | 4     | \$200.00   | \$800.00           | \$110.00   | \$440.00           | \$208.00   | \$832.00           |  |
| 7. REMOVAL OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE | EA   | 2     | \$300.00   | \$600.00           | \$165.00   | \$330.00           | \$298.00   | \$596.00           |  |
| 8. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE  | LF   | 1,727 | \$1.00     | \$1,727.00         | \$0.10     | \$172.70           | \$0.08     | \$138.16           |  |
| <b>SUBTOTAL WATER ITEMS</b>   |      |       |            | <b>\$64,441.00</b> |            | <b>\$62,965.75</b> |            | <b>\$63,749.92</b> |  |
| <b>SANITARY SEWER SYSTEM ITEMS</b>  |      |       |            |                    |            |                    |            |                    |  |
| 1. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 8' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE   | LF   | 143   | \$27.00    | \$3,861.00         | \$36.35    | \$5,198.05         | \$33.88    | \$4,844.84         |  |
| 2. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8' - 12' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE  | LF   | 959   | \$29.00    | \$27,811.00        | \$38.65    | \$37,065.35        | \$33.88    | \$32,490.92        |  |
| 3. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE   | LF   | 382   | \$32.00    | \$12,224.00        | \$39.55    | \$15,108.10        | \$35.88    | \$13,706.16        |  |
| 4. STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR, COMPLETE IN PLACE   | EA   | 13    | \$2,200.00 | \$28,600.00        | \$1,830.00 | \$23,790.00        | \$1,888.00 | \$24,544.00        |  |
| 5. EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE   | VF   | 43    | \$160.00   | \$6,880.00         | \$114.95   | \$4,942.85         | \$98.00    | \$4,214.00         |  |
| 6. "FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), ALL LENGTHS INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE                                | EA   | 5     | \$1,100.00 | \$5,500.00         | \$1,950.00 | \$9,750.00         | \$2,288.00 | \$11,440.00        |  |
| 7. SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE  | EA   | 7     | \$950.00   | \$6,650.00         | \$775.00   | \$5,425.00         | \$898.00   | \$6,286.00         |  |
| 8. CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER MANHOLE, INCLUDES CORING OF MANHOLE, SEALING, ADJUSTMENTS, TEMPORARY PLUGS, ALL OTHER APPURTENANCES AND BYPASS PUMPING AS NECESSARY, COMPLETE IN PLACE   | EA   | 1     | \$1,100.00 | \$1,100.00         | \$1,205.00 | \$1,205.00         | \$888.00   | \$888.00           |  |

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1) TEXASITE, LLC

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3) HURTADO CONSTRUCTION COMPANY

| ITEM  | DESCRIPTION   | UNIT | QTY   | UNIT COST  | TOTAL COST          | UNIT COST  | TOTAL COST          | UNIT COST  | TOTAL COST          |
|---|---|------|-------|------------|---------------------|------------|---------------------|------------|---------------------|
| 9.  | ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18" SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE | EA   | 3     | \$350.00   | \$1,050.00          | \$190.00   | \$570.00            | \$1,888.00 | \$5,664.00          |
| 10.   | SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE   | EA   | 2     | \$400.00   | \$800.00            | \$480.00   | \$960.00            | \$488.00   | \$976.00            |
| 11.   | TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE   | LF   | 1,786 | \$1.00     | \$1,786.00          | \$0.10     | \$178.60            | \$0.08     | \$142.88            |
| <b>SUBTOTAL SANITARY SEWER SYSTEM ITEMS</b> |   |      |       |            | <b>\$96,262.00</b>  |            | <b>\$104,192.95</b> |            | <b>\$105,196.80</b> |
| <b>STORM SEWER SYSTEM ITEMS</b>             |   |      |       |            |                     |            |                     |            |                     |
| 1.  | 24" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE  | LF   | 668   | \$56.00    | \$37,408.00         | \$57.20    | \$38,209.60         | \$68.88    | \$46,011.84         |
| 2.  | 30" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE  | LF   | 657   | \$70.00    | \$45,990.00         | \$63.30    | \$41,588.10         | \$78.88    | \$51,824.16         |
| 3.  | TYPE 'C' PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE   | EA   | 13    | \$2,200.00 | \$28,600.00         | \$1,635.00 | \$21,255.00         | \$1,588.00 | \$20,644.00         |
| 4.  | CONSTRUCT REINFORCED CONCRETE TYPE 'C' MANHOLE ON EXISTING 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS AND APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE.   | EA   | 2     | \$5,000.00 | \$10,000.00         | \$6,540.00 | \$13,080.00         | \$3,188.00 | \$6,376.00          |
| 5.  | STAGE I - TXDOT STANDARD 5' REINFORCED CONCRETE PRECAST INLET (TYPE 'C'), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE  | EA   | 14    | \$1,100.00 | \$15,400.00         | \$960.00   | \$13,440.00         | \$868.00   | \$12,152.00         |
| 6.  | STAGE II - TXDOT STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET (TYPE 'C'), COMPLETE IN PLACE   | EA   | 14    | \$1,200.00 | \$16,800.00         | \$1,650.00 | \$23,100.00         | \$1,308.00 | \$18,312.00         |
| 7.  | CONNECT PROPOSED 24" RCP STORM SEWER TO EXISTING STORM SEWER JUNCTION BOX, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, BREAKING INTO JUNCTION BOX, GROUTING, REMOVAL AND DISPOSAL AND ALL APPURTENANCES, COMPLETE IN PLACE                          | EA   | 1     | \$600.00   | \$600.00            | \$1,205.00 | \$1,205.00          | \$888.00   | \$888.00            |
| 8.  | CONNECT PROPOSED 30" RCP STORM SEWER TO EXISTING STORM SEWER JUNCTION BOX, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, BREAKING INTO JUNCTION BOX, GROUTING, REMOVAL AND DISPOSAL AND ALL APPURTENANCES, COMPLETE IN PLACE                          | EA   | 2     | \$600.00   | \$1,200.00          | \$1,425.00 | \$2,850.00          | \$888.00   | \$1,776.00          |
| 9.  | 8" BRICK PLUG FOR 24" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE  | EA   | 1     | \$300.00   | \$300.00            | \$190.00   | \$190.00            | \$88.00    | \$88.00             |
| 10.   | 8" BRICK PLUG FOR 30" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE  | EA   | 1     | \$400.00   | \$400.00            | \$300.00   | \$300.00            | \$88.00    | \$88.00             |
| 11.   | TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE   | LF   | 1,325 | \$1.00     | \$1,325.00          | \$0.10     | \$132.50            | \$0.68     | \$901.00            |
| <b>SUBTOTAL STORM SEWER SYSTEM ITEMS</b>    |   |      |       |            | <b>\$158,023.00</b> |            | <b>\$155,360.20</b> |            | <b>\$159,061.00</b> |
| <b>MISCELLANEOUS ITEMS - WS&amp;D</b>       |   |      |       |            |                     |            |                     |            |                     |
| 1.  | EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE   | LF   | 100   | \$1.00     | \$100.00            | \$1.00     | \$100.00            | \$1.00     | \$100.00            |
| 2.  | EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE  | LF   | 100   | \$1.00     | \$100.00            | \$1.00     | \$100.00            | \$1.00     | \$100.00            |
| 3.  | STABILIZED CONSTRUCTION EXIT, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE  | EA   | 1     | \$200.00   | \$200.00            | \$1,370.00 | \$1,370.00          | \$888.00   | \$888.00            |

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1) TEXASITE, LLC

2) FELLERS AND CLARK, L.P.

3) HURTADO CONSTRUCTION COMPANY

| ITEM   | DESCRIPTION   | UNIT | QTY | UNIT COST  | TOTAL COST          | UNIT COST  | TOTAL COST          | UNIT COST  | TOTAL COST          |
|--|---|------|-----|------------|---------------------|------------|---------------------|------------|---------------------|
| 4.   | EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE  | EA   | 1   | \$10.00    | \$10.00             | \$10.00    | \$10.00             | \$10.00    | \$10.00             |
| 5.   | EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE  | EA   | 1   | \$50.00    | \$50.00             | \$50.00    | \$50.00             | \$50.00    | \$50.00             |
| 6.   | EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE  | TON  | 0.1 | \$1,000.00 | \$100.00            | \$1,000.00 | \$100.00            | \$1,000.00 | \$100.00            |
| 7.   | EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE   | CY   | 10  | \$15.00    | \$150.00            | \$15.00    | \$150.00            | \$15.00    | \$150.00            |
| 8.   | EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE                                      | LF   | 100 | \$5.00     | \$500.00            | \$5.00     | \$500.00            | \$5.00     | \$500.00            |
| 9.   | EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-02, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE   | LF   | 100 | \$5.00     | \$500.00            | \$5.00     | \$500.00            | \$5.00     | \$500.00            |
| 10.  | EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE AS PER CITY OF HOUSTON DRAWING NO. 02082-05 (EFFECTIVE DATE ON OCTOBER 1, 2002 OR LATEST DETAIL), ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | EA   | 1   | \$50.00    | \$50.00             | \$50.00    | \$50.00             | \$50.00    | \$50.00             |
| 11.  | EXTRA DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE   | LF   | 500 | \$20.00    | \$10,000.00         | \$20.00    | \$10,000.00         | \$20.00    | \$10,000.00         |
| 12.  | EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE  | AC   | 1   | \$450.00   | \$450.00            | \$450.00   | \$450.00            | \$450.00   | \$450.00            |
| 13.  | ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE   | EA   | 1   | \$150.00   | \$150.00            | \$150.00   | \$150.00            | \$150.00   | \$150.00            |
| 14.  | STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE   | LS   | 1   | \$500.00   | \$500.00            | \$1,621.10 | \$1,621.10          | \$888.00   | \$888.00            |
| 15.  | EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE   | EA   | 1   | \$800.00   | \$800.00            | \$800.00   | \$800.00            | \$800.00   | \$800.00            |
| 16.  | UTILITY SPOILS FROM GRAND OAKS SECTION TWELVE (APPROXIMATELY 2,019 CY), (95% STANDARD PROCTOR DENSITY), TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, AND PLACEMENT AND COMPACTION, COMPLETE IN PLACE            | LS   | 1   | \$2,000.00 | \$2,000.00          | \$6,240.00 | \$6,240.00          | \$2,888.00 | \$2,888.00          |
| <b>SUBTOTAL MISCELLANEOUS ITEMS – WS&amp;D</b> |   |      |     |            | <b>\$15,660.00</b>  |            | <b>\$22,191.10</b>  |            | <b>\$17,624.00</b>  |
| <b>BID SUMMARY</b>                             |   |      |     |            |                     |            |                     |            |                     |
| SUBTOTAL WATER ITEMS                           |   |      |     |            | \$64,441.00         |            | \$62,965.75         |            | \$63,749.92         |
| SUBTOTAL SANITARY SEWER SYSTEM ITEMS           |   |      |     |            | \$96,262.00         |            | \$104,192.95        |            | \$105,196.80        |
| SUBTOTAL STORM SEWER SYSTEM ITEMS              |   |      |     |            | \$158,023.00        |            | \$155,350.20        |            | \$159,061.00        |
| SUBTOTAL MISCELLANEOUS ITEMS – WS&D            |   |      |     |            | \$15,660.00         |            | \$22,191.10         |            | \$17,624.00         |
| <b>TOTAL AMOUNT BID</b>                        |   |      |     |            | <b>\$334,386.00</b> |            | <b>\$344,700.00</b> |            | <b>\$345,631.72</b> |

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| ITEM DESCRIPTION  | UNIT | QTY   | 4) CROSTEX CONSTRUCTION, INC. |                    | 5) SOUTH CENTRAL TEXAS EXCAVATION AND CONSTRUCTION, LLC |                    | 6) CLEARWATER UTILITIES, INC. |                    |  |
|---|------|-------|-------------------------------|--------------------|---|--------------------|-------------------------------|--------------------|--|
|   |      |       | UNIT COST                     | TOTAL COST         | UNIT COST   | TOTAL COST         | UNIT COST                     | TOTAL COST         |  |
| <b>WATER ITEMS</b>  |      |       |                               |                    |   |                    |                               |                    |  |
| 1. 12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE  | LF   | 9     | \$60.00                       | \$540.00           | \$56.85   | \$511.85           | \$47.00                       | \$423.00           |  |
| 2. 8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE   | LF   | 1,377 | \$22.25                       | \$30,638.25        | \$26.77   | \$36,862.29        | \$28.00                       | \$38,556.00        |  |
| 3. 8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE   | LF   | 341   | \$42.25                       | \$14,407.25        | \$53.57   | \$18,267.37        | \$30.00                       | \$10,230.00        |  |
| 4. FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE   | EA   | 3     | \$3,500.00                    | \$10,500.00        | \$3,474.81  | \$10,424.43        | \$3,224.00                    | \$9,672.00         |  |
| 5. 2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE   | EA   | 4     | \$605.00                      | \$2,420.00         | \$651.70  | \$2,606.80         | \$428.00                      | \$1,712.00         |  |
| 6. PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE  | EA   | 4     | \$110.00                      | \$440.00           | \$100.00  | \$400.00           | \$74.00                       | \$296.00           |  |
| 7. REMOVAL OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE | EA   | 2     | \$200.00                      | \$400.00           | \$225.00  | \$450.00           | \$374.00                      | \$748.00           |  |
| 8. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE  | LF   | 1,727 | \$1.05                        | \$1,813.35         | \$0.01  | \$17.27            | \$0.11                        | \$189.97           |  |
| <b>SUBTOTAL WATER ITEMS</b>   |      |       |                               | <b>\$61,158.85</b> |   | <b>\$69,539.81</b> |                               | <b>\$61,826.97</b> |  |
| <b>SANITARY SEWER SYSTEM ITEMS</b>  |      |       |                               |                    |   |                    |                               |                    |  |
| 1. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 8' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE   | LF   | 143   | \$22.00                       | \$3,146.00         | \$20.78   | \$2,971.54         | \$37.00                       | \$5,291.00         |  |
| 2. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8' - 12' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE  | LF   | 959   | \$24.50                       | \$23,495.50        | \$27.95   | \$26,804.05        | \$40.00                       | \$38,360.00        |  |
| 3. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE   | LF   | 382   | \$27.25                       | \$10,409.50        | \$29.69   | \$11,341.58        | \$41.00                       | \$15,662.00        |  |
| 4. STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR, COMPLETE IN PLACE   | EA   | 13    | \$2,200.00                    | \$28,600.00        | \$2,200.00  | \$28,600.00        | \$1,870.00                    | \$24,310.00        |  |
| 5. EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE   | VF   | 43    | \$200.00                      | \$8,600.00         | \$150.00  | \$6,450.00         | \$112.00                      | \$4,816.00         |  |
| 6. "FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), ALL LENGTHS INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE                                | EA   | 5     | \$1,845.00                    | \$9,225.00         | \$1,598.47  | \$7,992.35         | \$2,215.00                    | \$11,075.00        |  |
| 7. SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE  | EA   | 7     | \$1,020.00                    | \$7,140.00         | \$1,083.03  | \$7,581.21         | \$806.00                      | \$5,642.00         |  |
| 8. CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER MANHOLE, INCLUDES CORING OF MANHOLE, SEALING, ADJUSTMENTS, TEMPORARY PLUGS, ALL OTHER APPURTENANCES AND BYPASS PUMPING AS NECESSARY, COMPLETE IN PLACE   | EA   | 1     | \$1,750.00                    | \$1,750.00         | \$500.00  | \$500.00           | \$1,176.00                    | \$1,176.00         |  |

\* DENOTES MATHEMATICAL ERROR

**BID TABULATION FOR:**

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND OAKS SECTION 12  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, E.T.J., HARRIS COUNTY, TEXAS  
 FEBRUARY 14, 2020  
 LJA ENGINEERING, INC.  
 A.OTTO  
 FEBRUARY 14, 2020  
 1037-6012 (9.2)

4) CROSTEX CONSTRUCTION, INC.

5) SOUTH CENTRAL TEXAS EXCAVATION  
 AND CONSTRUCTION, LLC

6) CLEARWATER UTILITIES, INC.

| ITEM DESCRIPTION   | UNIT | QTY   | UNIT COST   | TOTAL COST          | UNIT COST  | TOTAL COST          | UNIT COST  | TOTAL COST          |  |
|--|------|-------|-------------|---------------------|------------|---------------------|------------|---------------------|--|
| 9. ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE | EA   | 3     | \$1,000.00  | \$3,000.00          | \$750.00   | \$2,250.00          | \$267.00   | \$801.00            |  |
| 10. SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE  | EA   | 2     | \$450.00    | \$900.00            | \$250.00   | \$500.00            | \$481.00   | \$962.00            |  |
| 11. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE  | LF   | 1,786 | \$1.10      | \$1,964.60          | \$1.00     | \$1,786.00          | \$0.11     | \$196.46            |  |
| <b>SUBTOTAL SANITARY SEWER SYSTEM ITEMS</b>  |      |       |             | <b>\$98,230.60</b>  |            | <b>\$96,776.73</b>  |            | <b>\$108,291.46</b> |  |
| <b>STORM SEWER SYSTEM ITEMS</b>  |      |       |             |                     |            |                     |            |                     |  |
| 1. 24" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE  | LF   | 668   | \$53.00     | \$35,404.00         | \$63.98    | \$42,738.64         | \$56.00    | \$37,408.00         |  |
| 2. 30" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE  | LF   | 657   | \$65.75     | \$43,197.75         | \$79.31    | \$52,106.67         | \$63.00    | \$41,391.00         |  |
| 3. TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE   | EA   | 13    | \$2,450.00  | \$31,850.00         | \$1,930.58 | \$25,097.54         | \$2,138.00 | \$27,794.00         |  |
| 4. CONSTRUCT REINFORCED CONCRETE TYPE "C" MANHOLE ON EXISTING 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS AND APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE.   | EA   | 2     | \$10,000.00 | \$20,000.00         | \$3,632.48 | \$7,264.96          | \$7,483.00 | \$14,966.00         |  |
| 5. STAGE I - TXDOT STANDARD 5' REINFORCED CONCRETE PRECAST INLET (TYPE "C"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE  | EA   | 14    | \$2,200.00  | \$30,800.00         | \$1,612.96 | \$22,581.44         | \$1,487.00 | \$20,818.00         |  |
| 6. STAGE II - TXDOT STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET (TYPE "C"), COMPLETE IN PLACE   | EA   | 14    | \$500.00    | \$7,000.00          | \$1,416.61 | \$19,832.54         | \$1,390.00 | \$19,460.00         |  |
| 7. CONNECT PROPOSED 24" RCP STORM SEWER TO EXISTING STORM SEWER JUNCTION BOX, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, BREAKING INTO JUNCTION BOX, GROUTING, REMOVAL AND DISPOSAL AND ALL APPURTENANCES, COMPLETE IN PLACE                          | EA   | 1     | \$500.00    | \$500.00            | \$1,000.00 | \$1,000.00          | \$1,336.00 | \$1,336.00          |  |
| 8. CONNECT PROPOSED 30" RCP STORM SEWER TO EXISTING STORM SEWER JUNCTION BOX, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, BREAKING INTO JUNCTION BOX, GROUTING, REMOVAL AND DISPOSAL AND ALL APPURTENANCES, COMPLETE IN PLACE                          | EA   | 2     | \$500.00    | \$1,000.00          | \$1,000.00 | \$2,000.00          | \$1,336.00 | \$2,672.00          |  |
| 9. 8" BRICK PLUG FOR 24" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE  | EA   | 1     | \$125.00    | \$125.00            | \$250.00   | \$250.00            | \$160.00   | \$160.00            |  |
| 10. 8" BRICK PLUG FOR 30" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE   | EA   | 1     | \$125.00    | \$125.00            | \$250.00   | \$250.00            | \$160.00   | \$160.00            |  |
| 11. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE  | LF   | 1,325 | \$1.05      | \$1,391.25          | \$0.01     | \$13.25             | \$0.11     | \$145.75            |  |
| <b>SUBTOTAL STORM SEWER SYSTEM ITEMS</b>   |      |       |             | <b>\$171,393.00</b> |            | <b>\$173,135.04</b> |            | <b>\$166,310.75</b> |  |
| <b>MISCELLANEOUS ITEMS - WS&amp;D</b>  |      |       |             |                     |            |                     |            |                     |  |
| 1. EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE   | LF   | 100   | \$1.50      | \$150.00            | \$1.00     | \$100.00            | \$1.00     | \$100.00            |  |
| 2. EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE  | LF   | 100   | \$1.00      | \$100.00            | \$1.00     | \$100.00            | \$1.00     | \$100.00            |  |
| 3. STABILIZED CONSTRUCTION EXIT, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE  | EA   | 1     | \$1,500.00  | \$1,500.00          | \$1,500.00 | \$1,500.00          | \$1,604.00 | \$1,604.00          |  |

\* DENOTES MATHEMATICAL ERROR

**BID TABULATION FOR:**

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND OAKS SECTION 12  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, E.T.J., HARRIS COUNTY, TEXAS  
 FEBRUARY 14, 2020  
 LJA ENGINEERING, INC.  
 A.OTTO  
 FEBRUARY 14, 2020  
 1037-6012 (9.2)

| ITEM   | DESCRIPTION   | UNIT | QTY | 4) CROSTEX CONSTRUCTION, INC. |                     | 5) SOUTH CENTRAL TEXAS EXCAVATION AND CONSTRUCTION, LLC |                     | 6) CLEARWATER UTILITIES, INC. |             |
|--|---|------|-----|-------------------------------|---------------------|---|---------------------|-------------------------------|-------------|
|  |   |      |     | UNIT COST                     | TOTAL COST          | UNIT COST   | TOTAL COST          | UNIT COST                     | TOTAL COST  |
| 4.   | EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE  | EA   | 1   | \$20.00                       | \$20.00             | \$10.00   | \$10.00             | \$10.00                       | \$10.00     |
| 5.   | EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE  | EA   | 1   | \$100.00                      | \$100.00            | \$50.00   | \$50.00             | \$50.00                       | \$50.00     |
| 6.   | EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE  | TON  | 0.1 | \$1,000.00                    | \$100.00            | \$1,000.00  | \$100.00            | \$1,000.00                    | \$100.00    |
| 7.   | EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE   | CY   | 10  | \$25.00                       | \$250.00            | \$15.00   | \$150.00            | \$15.00                       | \$150.00    |
| 8.   | EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE                                      | LF   | 100 | \$5.00                        | \$500.00            | \$5.00  | \$500.00            | \$5.00                        | \$500.00    |
| 9.   | EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-02, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE   | LF   | 100 | \$5.00                        | \$500.00            | \$5.00  | \$500.00            | \$5.00                        | \$500.00    |
| 10.  | EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE AS PER CITY OF HOUSTON DRAWING NO. 02082-05 (EFFECTIVE DATE ON OCTOBER 1, 2002 OR LATEST DETAIL), ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | EA   | 1   | \$150.00                      | \$150.00            | \$50.00   | \$50.00             | \$50.00                       | \$50.00     |
| 11.  | EXTRA DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE   | LF   | 500 | \$20.00                       | \$10,000.00         | \$20.00   | \$10,000.00         | \$20.00                       | \$10,000.00 |
| 12.  | EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE  | AC   | 1   | \$450.00                      | \$450.00            | \$450.00  | \$450.00            | \$450.00                      | \$450.00    |
| 13.  | ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE   | EA   | 1   | \$150.00                      | \$150.00            | \$150.00  | \$150.00            | \$150.00                      | \$150.00    |
| 14.  | STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE   | LS   | 1   | \$947.55                      | \$947.55            | \$500.00  | \$500.00            | \$1,604.00                    | \$1,604.00  |
| 15.  | EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE   | EA   | 1   | \$800.00                      | \$800.00            | \$800.00  | \$800.00            | \$800.00                      | \$800.00    |
| 16.  | UTILITY SPOILS FROM GRAND OAKS SECTION TWELVE (APPROXIMATELY 2,019 CY), (95% STANDARD PROCTOR DENSITY), TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, AND PLACEMENT AND COMPACTION, COMPLETE IN PLACE            | LS   | 1   | \$3,500.00                    | \$3,500.00          | \$5,775.00  | \$5,775.00          | \$9,108.00                    | \$9,108.00  |
| <b>SUBTOTAL MISCELLANEOUS ITEMS – WS&amp;D</b> |   |      |     |                               | <b>\$19,217.55</b>  | <b>\$20,735.00</b>                                      | <b>\$25,276.00</b>  |                               |             |
| <b>BID SUMMARY</b>                             |   |      |     |                               |                     |   |                     |                               |             |
| SUBTOTAL WATER ITEMS                           |   |      |     |                               | \$61,158.85         | \$69,539.81   | \$61,826.97         |                               |             |
| SUBTOTAL SANITARY SEWER SYSTEM ITEMS           |   |      |     |                               | \$98,230.60         | \$96,776.73   | \$108,291.46        |                               |             |
| SUBTOTAL STORM SEWER SYSTEM ITEMS              |   |      |     |                               | \$171,393.00        | \$173,135.04  | \$166,310.75        |                               |             |
| SUBTOTAL MISCELLANEOUS ITEMS – WS&D            |   |      |     |                               | \$19,217.55         | \$20,735.00   | \$25,276.00         |                               |             |
| <b>TOTAL AMOUNT BID</b>                        |   |      |     |                               | <b>\$350,000.00</b> | <b>\$360,186.58</b>                                     | <b>\$361,705.18</b> |                               |             |

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND OAKS SECTION 12  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, E.T.J., HARRIS COUNTY, TEXAS  
 FEBRUARY 14, 2020  
 LJA ENGINEERING, INC.  
 A.OTTO  
 FEBRUARY 14, 2020  
 1037-6012 (9.2)

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

7) D.L. ELLIOTT ENTERPRISES, INC.

8) R CONSTRUCTION, LLC

| ITEM DESCRIPTION  | UNIT | QTY   | UNIT COST  | TOTAL COST         | UNIT COST  | TOTAL COST            |
|---|------|-------|------------|--------------------|------------|-----------------------|
| <b>WATER ITEMS</b>  |      |       |            |                    |            |                       |
| 1. 12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE  | LF   | 9     | \$100.00   | \$900.00           | \$380.00   | \$3,420.00            |
| 2. 8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE   | LF   | 1,377 | \$22.00    | \$30,294.00        | \$22.00    | \$30,294.00           |
| 3. 8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE   | LF   | 341   | \$34.00    | \$11,594.00        | \$48.00    | \$16,368.00           |
| 4. FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE   | EA   | 3     | \$3,300.00 | \$9,900.00         | \$3,800.00 | \$11,400.00           |
| 5. 2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE   | EA   | 4     | \$1,000.00 | \$4,000.00         | \$864.00   | \$3,456.00            |
| 6. PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE  | EA   | 4     | \$115.00   | \$460.00           | \$147.00   | \$588.00              |
| 7. REMOVAL OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE | EA   | 2     | \$325.00   | \$650.00           | \$147.00   | \$294.00 *            |
| 8. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE  | LF   | 1,727 | \$1.00     | \$1,727.00         | \$247.00   | \$426,569.00 *        |
| <b>SUBTOTAL WATER ITEMS</b>   |      |       |            | <b>\$59,525.00</b> |            | <b>\$492,389.00 *</b> |
| <b>SANITARY SEWER SYSTEM ITEMS</b>  |      |       |            |                    |            |                       |
| 1. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 8' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE   | LF   | 143   | \$21.00    | \$3,003.00         | \$57.00    | \$8,151.00            |
| 2. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8' - 12' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE  | LF   | 959   | \$22.00    | \$21,098.00        | \$25.00    | \$23,975.00           |
| 3. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE   | LF   | 382   | \$28.00    | \$10,696.00        | \$27.00    | \$10,314.00           |
| 4. STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR, COMPLETE IN PLACE   | EA   | 13    | \$2,200.00 | \$28,600.00        | \$1,800.00 | \$23,400.00           |
| 5. EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE   | VF   | 43    | \$150.00   | \$6,450.00         | \$127.00   | \$5,461.00            |
| 6. "FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), ALL LENGTHS INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE                                | EA   | 5     | \$1,800.00 | \$9,000.00         | \$1,740.00 | \$8,700.00            |
| 7. SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE  | EA   | 7     | \$1,000.00 | \$7,000.00         | \$1,100.00 | \$7,700.00            |
| 8. CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER MANHOLE, INCLUDES CORING OF MANHOLE, SEALING, ADJUSTMENTS, TEMPORARY PLUGS, ALL OTHER APPURTENANCES AND BYPASS PUMPING AS NECESSARY, COMPLETE IN PLACE   | EA   | 1     | \$1,000.00 | \$1,000.00         | \$90.00    | \$90.00               |

\* DENOTES MATHEMATICAL ERROR



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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND OAKS SECTION 12  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, E.T.J., HARRIS COUNTY, TEXAS  
 FEBRUARY 14, 2020  
 LJA ENGINEERING, INC.  
 A.OTTO  
 FEBRUARY 14, 2020  
 1037-6012 (9.2)

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

7) D.L. ELLIOTT ENTERPRISES, INC.

8) R CONSTRUCTION, LLC

| ITEM  | DESCRIPTION   | UNIT | QTY   | UNIT COST  | TOTAL COST          | UNIT COST  | TOTAL COST          |
|---|---|------|-------|------------|---------------------|------------|---------------------|
| 9.  | ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE | EA   | 3     | \$700.00   | \$2,100.00          | \$700.00   | \$2,100.00          |
| 10.   | SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE   | EA   | 2     | \$750.00   | \$1,500.00          | \$500.00   | \$1,000.00          |
| 11.   | TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE   | LF   | 1,786 | \$1.00     | \$1,786.00          | \$0.10     | \$178.60            |
| <b>SUBTOTAL SANITARY SEWER SYSTEM ITEMS</b> |   |      |       |            | <b>\$92,233.00</b>  |            | <b>\$91,069.60</b>  |
| <b>STORM SEWER SYSTEM ITEMS</b>             |   |      |       |            |                     |            |                     |
| 1.  | 24" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE  | LF   | 668   | \$60.00    | \$40,080.00         | \$63.00    | \$42,084.00         |
| 2.  | 30" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE  | LF   | 657   | \$75.00    | \$49,275.00         | \$78.00    | \$51,246.00         |
| 3.  | TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE   | EA   | 13    | \$3,000.00 | \$39,000.00         | \$2,400.00 | \$31,200.00         |
| 4.  | CONSTRUCT REINFORCED CONCRETE TYPE "C" MANHOLE ON EXISTING 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS AND APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE.   | EA   | 2     | \$7,700.00 | \$15,400.00         | \$5,800.00 | \$11,600.00         |
| 5.  | STAGE I - TXDOT STANDARD 5' REINFORCED CONCRETE PRECAST INLET (TYPE "C"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE  | EA   | 14    | \$1,320.00 | \$18,480.00         | \$1,700.00 | \$23,800.00         |
| 6.  | STAGE II - TXDOT STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET (TYPE "C"), COMPLETE IN PLACE   | EA   | 14    | \$1,980.00 | \$27,720.00         | \$1,400.00 | \$19,600.00         |
| 7.  | CONNECT PROPOSED 24" RCP STORM SEWER TO EXISTING STORM SEWER JUNCTION BOX, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, BREAKING INTO JUNCTION BOX, GROUTING, REMOVAL AND DISPOSAL AND ALL APPURTENANCES, COMPLETE IN PLACE                          | EA   | 1     | \$1,000.00 | \$1,000.00          | \$400.00   | \$400.00            |
| 8.  | CONNECT PROPOSED 30" RCP STORM SEWER TO EXISTING STORM SEWER JUNCTION BOX, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, BREAKING INTO JUNCTION BOX, GROUTING, REMOVAL AND DISPOSAL AND ALL APPURTENANCES, COMPLETE IN PLACE                          | EA   | 2     | \$1,000.00 | \$2,000.00          | \$500.00   | \$1,000.00          |
| 9.  | 8" BRICK PLUG FOR 24" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE  | EA   | 1     | \$350.00   | \$350.00            | \$600.00   | \$600.00            |
| 10.   | 8" BRICK PLUG FOR 30" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE  | EA   | 1     | \$350.00   | \$350.00            | \$700.00   | \$700.00            |
| 11.   | TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE   | LF   | 1,325 | \$1.00     | \$1,325.00          | \$0.10     | \$132.50            |
| <b>SUBTOTAL STORM SEWER SYSTEM ITEMS</b>    |   |      |       |            | <b>\$194,980.00</b> |            | <b>\$182,362.50</b> |
| <b>MISCELLANEOUS ITEMS - WS&amp;D</b>       |   |      |       |            |                     |            |                     |
| 1.  | EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE   | LF   | 100   | \$1.00     | \$100.00            | \$1.00     | \$100.00            |
| 2.  | EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE  | LF   | 100   | \$1.00     | \$100.00            | \$1.00     | \$100.00            |
| 3.  | STABILIZED CONSTRUCTION EXIT, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE  | EA   | 1     | \$1,500.00 | \$1,500.00          | \$2,000.00 | \$2,000.00          |

\* DENOTES MATHEMATICAL ERROR

**BID TABULATION FOR:**

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND OAKS SECTION 12  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, E.T.J., HARRIS COUNTY, TEXAS  
 FEBRUARY 14, 2020  
 LJA ENGINEERING, INC.  
 A.OTTO  
 FEBRUARY 14, 2020  
 1037-6012 (9.2)

7) D.L. ELLIOTT ENTERPRISES, INC.

8) R CONSTRUCTION, LLC

| ITEM   | DESCRIPTION   | UNIT | QTY | UNIT COST  | TOTAL COST            | UNIT COST  | TOTAL COST            |
|--|---|------|-----|------------|-----------------------|------------|-----------------------|
| 4.   | EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE  | EA   | 1   | \$10.00    | \$10.00               | \$10.00    | \$10.00               |
| 5.   | EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE  | EA   | 1   | \$50.00    | \$50.00               | \$50.00    | \$50.00               |
| 6.   | EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE  | TON  | 0.1 | \$1,000.00 | \$100.00              | \$1,000.00 | \$100.00              |
| 7.   | EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE   | CY   | 10  | \$15.00    | \$150.00              | \$15.00    | \$150.00              |
| 8.   | EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE                                      | LF   | 100 | \$5.00     | \$500.00              | \$5.00     | \$500.00              |
| 9.   | EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-02, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE   | LF   | 100 | \$5.00     | \$500.00              | \$5.00     | \$500.00              |
| 10.  | EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE AS PER CITY OF HOUSTON DRAWING NO. 02082-05 (EFFECTIVE DATE ON OCTOBER 1, 2002 OR LATEST DETAIL), ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | EA   | 1   | \$50.00    | \$50.00               | \$50.00    | \$50.00               |
| 11.  | EXTRA DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE   | LF   | 500 | \$20.00    | \$10,000.00           | \$20.00    | \$10,000.00           |
| 12.  | EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE  | AC   | 1   | \$450.00   | \$450.00              | \$450.00   | \$450.00              |
| 13.  | ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE   | EA   | 1   | \$150.00   | \$150.00              | \$150.00   | \$150.00              |
| 14.  | STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE   | LS   | 1   | \$1,500.00 | \$1,500.00            | \$2,000.00 | \$2,000.00            |
| 15.  | EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE   | EA   | 1   | \$800.00   | \$800.00              | \$800.00   | \$800.00              |
| 16.  | UTILITY SPOILS FROM GRAND OAKS SECTION TWELVE (APPROXIMATELY 2,019 CY), (95% STANDARD PROCTOR DENSITY), TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, AND PLACEMENT AND COMPACTION, COMPLETE IN PLACE            | LS   | 1   | \$3,000.00 | \$3,000.00            | \$1,800.00 | \$1,800.00            |
| <b>SUBTOTAL MISCELLANEOUS ITEMS – WS&amp;D</b> |   |      |     |            | <b>\$18,960.00</b>    |            | <b>\$18,760.00</b>    |
| <b>BID SUMMARY</b>                             |   |      |     |            |                       |            |                       |
| SUBTOTAL WATER ITEMS                           |   |      |     |            | \$59,525.00 *         |            | \$492,389.00 *        |
| SUBTOTAL SANITARY SEWER SYSTEM ITEMS           |   |      |     |            | \$92,233.00           |            | \$91,069.60           |
| SUBTOTAL STORM SEWER SYSTEM ITEMS              |   |      |     |            | \$194,980.00          |            | \$182,362.50          |
| SUBTOTAL MISCELLANEOUS ITEMS – WS&D            |   |      |     |            | \$18,960.00           |            | \$18,760.00           |
| <b>TOTAL AMOUNT BID</b>                        |   |      |     |            | <b>\$365,698.00 *</b> |            | <b>\$784,581.10 *</b> |

\* DENOTES MATHEMATICAL ERROR