

**BID TABULATION FOR:**

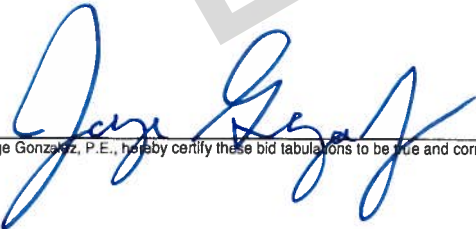
CONSTRUCTION OF THE WATER AND SANITARY SEWER FACILITIES - PHASE 1  
TO SERVE FORT BEND PARKWAY BUSINESS PARK  
MISSOURI CITY MANAGEMENT DISTRICT NO. 2  
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
SEPTEMBER 16, 2020  
LJA ENGINEERING, INC.  
D. FORREST  
SEPTEMBER 16, 2020  
2088-4001 (9.2)

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

| BIDDER'S NAME                            | TOTAL BID AMOUNT |
|------------------------------------------|------------------|
| 1) AR TURNKEE CONSTRUCTION COMPANY, INC. | \$705,252.75     |
| 2) D. L. ELLIOTT ENTERPRISES, INC.       | \$759,842.50     |
| 3) SENDERO INDUSTRIES, LLC               | \$839,393.25 *   |
| 4) C. E. BARKER, LTD.                    | \$946,299.09     |
| 5) JOSLIN CONSTRUCTION TEXAS, LLC        | \$1,076,989.00   |
| 6) T CONSTRUCTION, LLC                   | \$1,202,341.30 * |
| 7) TOTAL CONTRACTING LIMITED             | \$2,260,513.00   |

CALENDAR DAYS - 60/75



  
I, Jorge Gonzalez, P.E., hereby certify these bid tabulations to be true and correct.

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1) AR TURNKEE CONSTRUCTION COMPANY, INC.      2) D. L. ELLIOTT ENTERPRISES, INC.      3) SENDERO INDUSTRIES, LLC

| ITEM                        | DESCRIPTION                                                                                                                                                                                                 | UNIT | QTY   | UNIT COST  | TOTAL COST          | UNIT COST  | TOTAL COST          | UNIT COST  | TOTAL COST          |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------|---------------------|------------|---------------------|------------|---------------------|
| <b>WATER ITEMS</b>          |                                                                                                                                                                                                             |      |       |            |                     |            |                     |            |                     |
| 1.                          | 8" P.V.C. WATER LINE AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE                                                                                                     | LF   | 100   | \$30.00    | \$3,000.00          | \$54.00    | \$5,400.00          | \$25.00    | \$2,500.00          |
| 2.                          | 8" P.V.C. WATER LINE, C-900, SDR 18, CLASS 235, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS AND EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE | LF   | 143   | \$67.50    | \$9,652.50          | \$96.00    | \$13,728.00         | \$100.00   | \$14,300.00         |
| 3.                          | 12" P.V.C. WATER LINE AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE                                                                                                    | LF   | 3,585 | \$44.00    | \$157,740.00        | \$34.00    | \$121,890.00        | \$38.00    | \$136,230.00        |
| 4.                          | STEEL CASING WITH RESTRAINED JOINTS FOR 12" WATER LINE, DOES NOT INCLUDE WATER PIPE, COMPLETE IN PLACE                                                                                                      | LF   | 124   | \$101.00   | \$12,524.00         | \$105.00   | \$13,020.00         | \$70.00    | \$8,680.00          |
| 5.                          | TRENCHLESS CONSTRUCTION FOR STEEL CASING, INCLUDING EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                                                                     | LF   | 124   | \$80.00    | \$9,920.00          | \$155.00   | \$19,220.00         | \$83.00    | \$10,292.00         |
| 6.                          | 12" WET CONNECTION, INCLUDES REMOVAL OF EXISTING PLUG & CLAMP AND BLOW-OFF VALVE AND CONNECTION TO EXISTING 12" WATER LINE, COMPLETE IN PLACE                                                               | EA   | 1     | \$650.00   | \$650.00            | \$650.00   | \$650.00            | \$780.00   | \$780.00            |
| 7.                          | FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, AND TRENCH SAFETY, COMPLETE IN PLACE                                                                  | EA   | 13    | \$4,250.00 | \$55,250.00         | \$4,400.00 | \$57,200.00         | \$4,050.00 | \$52,650.00         |
| 8.                          | PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE                                                                                                                                                                  | EA   | 3     | \$300.00   | \$900.00            | \$135.00   | \$405.00            | \$200.00   | \$600.00            |
| 9.                          | 2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE                                                                                                                                                              | EA   | 3     | \$550.00   | \$1,650.00          | \$650.00   | \$1,950.00          | \$620.00   | \$1,860.00          |
| 10.                         | 12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE                                                                                                                                                                | EA   | 4     | \$2,400.00 | \$9,600.00          | \$2,000.00 | \$8,000.00          | \$2,400.00 | \$9,600.00          |
| 11.                         | 8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE                                                                                                                                                                 | LF   | 2     | \$1,300.00 | \$2,600.00          | \$1,000.00 | \$2,000.00          | \$1,200.00 | \$2,400.00          |
| 12.                         | TRENCH SAFETY SYSTEM, COMPLETE IN PLACE                                                                                                                                                                     | LF   | 3,685 | \$0.50     | \$1,842.50          | \$1.00     | \$3,685.00          | \$1.00     | \$3,685.00          |
| <b>SUBTOTAL WATER ITEMS</b> |                                                                                                                                                                                                             |      |       |            | <b>\$265,329.00</b> |            | <b>\$247,148.00</b> |            | <b>\$243,577.00</b> |
| <b>SANITARY ITEMS</b>       |                                                                                                                                                                                                             |      |       |            |                     |            |                     |            |                     |
| 1.                          | 8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                     | LF   | 493   | \$32.00    | \$15,776.00         | \$31.00    | \$15,283.00         | \$31.00    | \$15,283.00         |
| 2.                          | 8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                             | LF   | 335   | \$85.00    | \$28,475.00         | \$95.00    | \$31,825.00         | \$102.00   | \$34,170.00         |
| 3.                          | 8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, INCLUDES STEEL CASING AND EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                        | LF   | 55    | \$175.00   | \$9,625.00          | \$160.00   | \$8,800.00          | \$142.00   | \$7,810.00          |
| 4.                          | 10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                    | LF   | 60    | \$36.00    | \$2,160.00          | \$35.00    | \$2,100.00          | \$38.00    | \$2,280.00          |
| 5.                          | 10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                            | LF   | 126   | \$97.00    | \$12,222.00         | \$105.00   | \$13,230.00         | \$128.00   | \$16,128.00         |
| 6.                          | 10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                   | LF   | 60    | \$40.00    | \$2,400.00          | \$45.00    | \$2,700.00          | \$60.00    | \$3,600.00          |

\* MATHEMATICAL ERROR

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| ITEM                           | DESCRIPTION                                                                                                                                                                                                                                          | UNIT | QTY   | UNIT COST  | TOTAL COST          | UNIT COST   | TOTAL COST          | UNIT COST   | TOTAL COST          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------|---------------------|-------------|---------------------|-------------|---------------------|
| 7.                             | 12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                             | LF   | 740   | \$42.00    | \$31,080.00         | \$40.00     | \$29,600.00         | \$39.00     | \$28,860.00         |
| 8.                             | 12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                            | LF   | 2,243 | \$46.00    | \$103,178.00        | \$47.00     | \$105,421.00        | \$41.00     | \$91,963.00         |
| 9.                             | 12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS AND STEEL CASING, COMPLETE IN PLACE                                                                    | LF   | 64    | \$121.00   | \$7,744.00          | \$250.00    | \$16,000.00         | \$190.00    | \$12,160.00         |
| 10.                            | 15" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                            | LF   | 7     | \$105.00   | \$735.00            | \$100.00    | \$700.00            | \$110.00    | \$770.00            |
| 11.                            | 18" P.V.C. SEWER PIPE, ASTM F-679, SDR 26, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                                                                      | LF   | 63    | \$221.00   | \$13,923.00         | \$175.00    | \$11,025.00         | \$210.00    | \$13,230.00         |
| 12.                            | 18" P.V.C. SEWER PIPE, ASTM F-679, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                             | LF   | 65    | \$121.00   | \$7,865.00          | \$70.00     | \$4,550.00          | \$60.00     | \$3,900.00          |
| 13.                            | 8" FORCE MAIN, C-900, SDR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, EXCAVATION, BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                 | LF   | 302   | \$30.00    | \$9,060.00          | \$40.00     | \$12,080.00         | \$30.00     | \$9,060.00          |
| 14.                            | 8" FORCE MAIN, C-900, SDR 18, ALL DEPTHS, BY TRENCHLESS CONSTRUCTION, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, EXCAVATION, BACKFILL OF BORE PITS AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                                  | LF   | 62    | \$121.00   | \$7,502.00          | \$95.00     | \$5,890.00          | \$180.00    | \$11,160.00         |
| 15.                            | 8" FORCE MAIN, C-900, SDR 18, ALL DEPTHS, BY TRENCHLESS CONSTRUCTION, INCLUDES STEEL CASING, ALL FITTINGS AND RESTRAINED JOINTS, EXCAVATION, BACKFILL OF BORE PITS AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                    | LF   | 300   | \$145.00   | \$43,500.00         | \$150.00    | \$45,000.00         | \$320.00    | \$96,000.00         |
| 16.                            | CONTRACTOR TO CORE INTO EXISTING MANHOLE AND CONNECT PROPOSED 12" SANITARY SEWER, COMPLETE IN PLACE                                                                                                                                                  | EA   | 1     | \$2,000.00 | \$2,000.00          | \$1,100.00  | \$1,100.00          | \$1,050.00  | \$1,050.00          |
| 17.                            | CONTRACTOR TO REMOVE 8" PLUG AND CONNECT PROPOSED 8" FORCE MAIN TO EXISTING 8" FORCE MAIN, COMPLETE IN PLACE                                                                                                                                         | EA   | 1     | \$550.00   | \$550.00            | \$600.00    | \$600.00            | \$400.00    | \$400.00            |
| 18.                            | PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE                                                                                    | EA   | 27    | \$2,500.00 | \$67,500.00         | \$4,200.00  | \$113,400.00        | \$4,910.00  | \$132,570.00        |
| 19.                            | EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE                                                                                                                                                                            | VF   | 92    | \$180.00   | \$16,560.00         | \$300.00    | \$27,600.00         | \$350.00    | \$32,200.00         |
| 20.                            | PRECAST CORROSION RESISTANT SANITARY SEWER MANHOLE FOR FORCE MAIN DISCHARGE PER SANITARY SEWER FACILITIES DETAIL, INCLUDES PROTECTIVE INTERIOR COATING, STAINLESS STEEL INFLOW PROTECTOR, INTERNAL DROP STRUCTURE AND ADJUSTMENTS, COMPLETE IN PLACE | EA   | 1     | \$9,000.00 | \$9,000.00          | \$12,000.00 | \$12,000.00         | \$13,720.00 | \$13,720.00         |
| 21.                            | 15" SANITARY SEWER PLUG, COMPLETE IN PLACE                                                                                                                                                                                                           | EA   | 1     | \$650.00   | \$650.00            | \$150.00    | \$150.00            | \$200.00    | \$200.00            |
| 22.                            | TRENCH SAFETY SYSTEM, COMPLETE IN PLACE                                                                                                                                                                                                              | LF   | 3,970 | \$3.00     | \$11,910.00         | \$1.00      | \$3,970.00          | \$2.00      | \$7,940.00          |
| <b>SUBTOTAL SANITARY ITEMS</b> |                                                                                                                                                                                                                                                      |      |       |            | <b>\$403,415.00</b> |             | <b>\$463,024.00</b> |             | <b>\$534,454.00</b> |
| <b>SWPPP ITEMS</b>             |                                                                                                                                                                                                                                                      |      |       |            |                     |             |                     |             |                     |
| 1.                             | STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTAINING EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE                                                                                               | LS   | 1     | \$750.00   | \$750.00            | \$2,000.00  | \$2,000.00          | \$1,150.00  | \$1,150.00          |

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| ITEM                                | DESCRIPTION                                                                                                                                                                                           | UNIT | QTY   | UNIT COST  | TOTAL COST          | UNIT COST  | TOTAL COST          | UNIT COST  | TOTAL COST            |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------|---------------------|------------|---------------------|------------|-----------------------|
| 2.                                  | INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE AT LOCATION SHOWN ON PLANS, COMPLETE IN PLACE                                                                               | EA   | 4     | \$400.00   | \$1,600.00          | \$2,000.00 | \$8,000.00          | \$3,300.00 | \$13,200.00           |
| 3.                                  | INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE                                                                                                                | EA   | 4     | \$400.00   | \$1,600.00          | \$600.00   | \$2,400.00          | \$990.00   | \$3,960.00            |
| 4.                                  | INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE                                                                                                                                | LF   | 4,927 | \$1.25     | \$6,158.75          | \$1.50     | \$7,390.50          | \$1.75     | \$8,622.25            |
| 5.                                  | INLET STAGE II PROTECTION BARRIERS (AS SHOWN ON PLANS), COMPLETE IN PLACE                                                                                                                             | EA   | 26    | \$50.00    | \$1,300.00          | \$30.00    | \$780.00            | \$55.00    | \$1,430.00            |
| <b>SUBTOTAL SWPPP ITEMS</b>         |                                                                                                                                                                                                       |      |       |            | <b>\$11,408.75</b>  |            | <b>\$20,570.50</b>  |            | <b>\$28,362.25</b>    |
| <b>MISCELLANEOUS ITEMS</b>          |                                                                                                                                                                                                       |      |       |            |                     |            |                     |            |                       |
| 1.                                  | DEWATERING FOR UTILITY CONSTRUCTION, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE                                                                                    | LF   | 100   | \$22.00    | \$2,200.00          | \$40.00    | \$4,000.00          | \$35.00    | \$3,500.00            |
| 2.                                  | ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL WHERE UNSATISFACTORY SOIL CONDITIONS EXIST, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE                        | LF   | 100   | \$10.00    | \$1,000.00          | \$5.00     | \$500.00            | \$25.00    | \$2,500.00            |
| 3.                                  | EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER CUBIC YARD), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE                                                               | CY   | 50    | \$22.00    | \$1,100.00          | \$25.00    | \$1,250.00          | \$20.00    | \$1,000.00            |
| 4.                                  | UTILITY SPOILS TO BE , INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAULING, PLACEMENT AND COMPACTION OF FILL, AND RE-APPLICATION OF STRIPPINGS TO EXCAVATED AREA AND FILL AREAS, COMPLETE IN PLACE | CY   | 2,700 | \$3.50     | \$9,450.00          | \$2.00     | \$5,400.00          | \$3.00     | \$8,100.00            |
| 5.                                  | REMOVE AND REPLACE EXISTING BARBED WIRE FENCE, COMPLETE IN PLACE                                                                                                                                      | LF   | 30    | \$20.00    | \$600.00            | \$15.00    | \$450.00            | \$100.00   | \$3,000.00 *          |
| 6.                                  | REMOVAL AND DISPOSAL OF EXISTING SIDEWALK FROM JOINT TO JOINT AND REPLACE TO MATCH EXISTING SIDEWALK (AS NEEDED FOR CONSTRUCTION), COMPLETE IN PLACE                                                  | LS   | 1     | \$750.00   | \$750.00            | \$5,000.00 | \$5,000.00          | \$5,000.00 | \$5,000.00            |
| 7.                                  | SITE RESTORATION AND HYDROMULCH WHERE GRASS IS DISTURBED ALONG HURRICANE LANE                                                                                                                         | AC   | 5     | \$2,000.00 | \$10,000.00         | \$2,500.00 | \$12,500.00         | \$1,980.00 | \$9,900.00            |
| <b>SUBTOTAL MISCELLANEOUS ITEMS</b> |                                                                                                                                                                                                       |      |       |            | <b>\$25,100.00</b>  |            | <b>\$29,100.00</b>  |            | <b>\$33,000.00 *</b>  |
| <b>BID SUMMARY</b>                  |                                                                                                                                                                                                       |      |       |            |                     |            |                     |            |                       |
| SUBTOTAL WATER ITEMS                |                                                                                                                                                                                                       |      |       |            | \$265,329.00        |            | \$247,148.00        |            | \$243,577.00          |
| SUBTOTAL SANITARY ITEMS             |                                                                                                                                                                                                       |      |       |            | \$403,415.00        |            | \$463,024.00        |            | \$534,454.00          |
| SUBTOTAL SWPPP ITEMS                |                                                                                                                                                                                                       |      |       |            | \$11,408.75         |            | \$20,570.50         |            | \$28,362.25           |
| SUBTOTAL MISCELLANEOUS ITEMS        |                                                                                                                                                                                                       |      |       |            | \$25,100.00         |            | \$29,100.00         |            | \$33,000.00 *         |
| <b>TOTAL AMOUNT BID</b>             |                                                                                                                                                                                                       |      |       |            | <b>\$705,252.75</b> |            | <b>\$759,842.50</b> |            | <b>\$839,393.25 *</b> |

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| ITEM                        | DESCRIPTION                                                                                                                                                                                                 | UNIT | QTY   | 4) C. E. BARKER, LTD. |                     | 5) JOSLIN CONSTRUCTION TEXAS, LLC |                     | 6) T CONSTRUCTION, LLC |                     |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-----------------------|---------------------|-----------------------------------|---------------------|------------------------|---------------------|
|                             |                                                                                                                                                                                                             |      |       | UNIT COST             | TOTAL COST          | UNIT COST                         | TOTAL COST          | UNIT COST              | TOTAL COST          |
| <b>WATER ITEMS</b>          |                                                                                                                                                                                                             |      |       |                       |                     |                                   |                     |                        |                     |
| 1.                          | 8" P.V.C. WATER LINE AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE                                                                                                     | LF   | 100   | \$21.64               | \$2,164.00          | \$45.00                           | \$4,500.00          | \$40.00                | \$4,000.00          |
| 2.                          | 8" P.V.C. WATER LINE, C-900, SDR 18, CLASS 235, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS AND EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE | LF   | 143   | \$65.59               | \$9,379.37          | \$90.00                           | \$12,870.00         | \$45.00                | \$6,435.00          |
| 3.                          | 12" P.V.C. WATER LINE AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE                                                                                                    | LF   | 3,585 | \$48.79               | \$174,912.15        | \$45.00                           | \$161,325.00        | \$60.00                | \$215,100.00        |
| 4.                          | STEEL CASING WITH RESTRAINED JOINTS FOR 12" WATER LINE, DOES NOT INCLUDE WATER PIPE, COMPLETE IN PLACE                                                                                                      | LF   | 124   | \$94.43               | \$11,709.32         | \$55.00                           | \$6,820.00          | \$105.00               | \$13,020.00         |
| 5.                          | TRENCHLESS CONSTRUCTION FOR STEEL CASING, INCLUDING EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                                                                     | LF   | 124   | \$78.43               | \$9,725.32          | \$150.00                          | \$18,600.00         | \$140.00               | \$17,360.00         |
| 6.                          | 12" WET CONNECTION, INCLUDES REMOVAL OF EXISTING PLUG & CLAMP AND BLOW-OFF VALVE AND CONNECTION TO EXISTING 12" WATER LINE, COMPLETE IN PLACE                                                               | EA   | 1     | \$1,049.54            | \$1,049.54          | \$950.00                          | \$950.00            | \$1,800.00             | \$1,800.00          |
| 7.                          | FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, AND TRENCH SAFETY, COMPLETE IN PLACE                                                                  | EA   | 13    | \$5,021.30            | \$65,276.90         | \$4,300.00                        | \$55,900.00         | \$4,715.00             | \$61,295.00         |
| 8.                          | PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE                                                                                                                                                                  | EA   | 3     | \$289.48              | \$868.44            | \$300.00                          | \$900.00            | \$889.00               | \$2,667.00          |
| 9.                          | 2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE                                                                                                                                                              | EA   | 3     | \$605.63              | \$1,816.89          | \$500.00                          | \$1,500.00          | \$1,215.00             | \$3,645.00          |
| 10.                         | 12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE                                                                                                                                                                | EA   | 4     | \$2,327.23            | \$9,308.92          | \$2,100.00                        | \$8,400.00          | \$3,145.00             | \$12,580.00         |
| 11.                         | 8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE                                                                                                                                                                 | LF   | 2     | \$1,163.81            | \$2,327.62          | \$1,150.00                        | \$2,300.00          | \$1,975.00             | \$3,950.00          |
| 12.                         | TRENCH SAFETY SYSTEM, COMPLETE IN PLACE                                                                                                                                                                     | LF   | 3,685 | \$0.12                | \$442.20            | \$1.00                            | \$3,685.00          | \$0.50                 | \$1,842.50          |
| <b>SUBTOTAL WATER ITEMS</b> |                                                                                                                                                                                                             |      |       |                       | <b>\$288,980.67</b> |                                   | <b>\$277,750.00</b> |                        | <b>\$343,694.50</b> |
| <b>SANITARY ITEMS</b>       |                                                                                                                                                                                                             |      |       |                       |                     |                                   |                     |                        |                     |
| 1.                          | 8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                     | LF   | 493   | \$32.69               | \$16,116.17         | \$60.00                           | \$29,580.00         | \$72.00                | \$35,496.00         |
| 2.                          | 8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                             | LF   | 335   | \$82.18               | \$27,530.30         | \$130.00                          | \$43,550.00         | \$58.00                | \$19,430.00         |
| 3.                          | 8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, INCLUDES STEEL CASING AND EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                        | LF   | 55    | \$198.31              | \$10,907.05         | \$265.00                          | \$14,575.00         | \$150.00               | \$8,250.00          |
| 4.                          | 10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                    | LF   | 60    | \$36.88               | \$2,212.80          | \$75.00                           | \$4,500.00          | \$92.00                | \$5,520.00          |
| 5.                          | 10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                            | LF   | 126   | \$89.65               | \$11,295.90         | \$140.00                          | \$17,640.00         | \$65.00                | \$8,190.00          |
| 6.                          | 10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                   | LF   | 60    | \$44.91               | \$2,694.60          | \$85.00                           | \$5,100.00          | \$112.00               | \$6,720.00          |

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER AND SANITARY SEWER FACILITIES - PHASE 1  
 TO SERVE FORT BEND PARKWAY BUSINESS PARK  
 MISSOURI CITY MANAGEMENT DISTRICT NO. 2  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 SEPTEMBER 16, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
 SEPTEMBER 16, 2020  
 2088-4001 (9.2)

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

| ITEM                           | DESCRIPTION                                                                                                                                                                                                                                          | UNIT | QTY   | 4) C. E. BARKER, LTD. |                     | 5) JOSLIN CONSTRUCTION TEXAS, LLC |                     | 6) T CONSTRUCTION, LLC |                       |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-----------------------|---------------------|-----------------------------------|---------------------|------------------------|-----------------------|
|                                |                                                                                                                                                                                                                                                      |      |       | UNIT COST             | TOTAL COST          | UNIT COST                         | TOTAL COST          | UNIT COST              | TOTAL COST            |
| 7.                             | 12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                             | LF   | 740   | \$42.57               | \$31,501.80         | \$60.00                           | \$44,400.00         | \$127.00               | \$93,980.00           |
| 8.                             | 12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                            | LF   | 2,243 | \$50.60               | \$113,495.80        | \$75.00                           | \$168,225.00        | \$133.00               | \$298,319.00          |
| 9.                             | 12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS AND STEEL CASING, COMPLETE IN PLACE                                                                    | LF   | 64    | \$198.85              | \$12,726.40         | \$300.00                          | \$19,200.00         | \$120.00               | \$7,680.00            |
| 10.                            | 15" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                            | LF   | 7     | \$60.79               | \$425.53            | \$100.00                          | \$700.00            | \$180.00               | \$1,260.00            |
| 11.                            | 18" P.V.C. SEWER PIPE, ASTM F-679, SDR 26, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                                                                      | LF   | 63    | \$157.28              | \$9,908.64          | \$205.00                          | \$12,915.00         | \$220.00               | \$13,860.00           |
| 12.                            | 18" P.V.C. SEWER PIPE, ASTM F-679, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                             | LF   | 65    | \$73.64               | \$4,786.60          | \$130.00                          | \$8,450.00          | \$265.00               | \$17,225.00           |
| 13.                            | 8" FORCE MAIN, C-900, SDR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, EXCAVATION, BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                 | LF   | 302   | \$41.72               | \$12,599.44         | \$65.00                           | \$19,630.00         | \$70.00                | \$21,140.00           |
| 14.                            | 8" FORCE MAIN, C-900, SDR 18, ALL DEPTHS, BY TRENCHLESS CONSTRUCTION, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, EXCAVATION, BACKFILL OF BORE PITS AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                                  | LF   | 62    | \$95.84               | \$5,942.08          | \$180.00                          | \$11,160.00         | \$58.00                | \$3,596.00            |
| 15.                            | 8" FORCE MAIN, C-900, SDR 18, ALL DEPTHS, BY TRENCHLESS CONSTRUCTION, INCLUDES STEEL CASING, ALL FITTINGS AND RESTRAINED JOINTS, EXCAVATION, BACKFILL OF BORE PITS AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                    | LF   | 300   | \$383.37              | \$115,011.00        | \$285.00                          | \$85,500.00         | \$150.00               | \$45,000.00           |
| 16.                            | CONTRACTOR TO CORE INTO EXISTING MANHOLE AND CONNECT PROPOSED 12" SANITARY SEWER, COMPLETE IN PLACE                                                                                                                                                  | EA   | 1     | \$1,492.54            | \$1,492.54          | \$3,300.00                        | \$3,300.00          | \$1,338.00             | \$1,338.00            |
| 17.                            | CONTRACTOR TO REMOVE 8" PLUG AND CONNECT PROPOSED 8" FORCE MAIN TO EXISTING 8" FORCE MAIN, COMPLETE IN PLACE                                                                                                                                         | EA   | 1     | \$1,139.83            | \$1,139.83          | \$650.00                          | \$650.00            | \$1,530.00             | \$1,530.00            |
| 18.                            | PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE                                                                                    | EA   | 27    | \$3,526.77            | \$95,222.79         | \$5,500.00                        | \$148,500.00        | \$5,560.00             | \$150,120.00          |
| 19.                            | EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE                                                                                                                                                                            | VF   | 92    | \$302.91              | \$27,867.72         | \$465.00                          | \$42,780.00         | \$385.00               | \$35,420.00           |
| 20.                            | PRECAST CORROSION RESISTANT SANITARY SEWER MANHOLE FOR FORCE MAIN DISCHARGE PER SANITARY SEWER FACILITIES DETAIL, INCLUDES PROTECTIVE INTERIOR COATING, STAINLESS STEEL INFLOW PROTECTOR, INTERNAL DROP STRUCTURE AND ADJUSTMENTS, COMPLETE IN PLACE | EA   | 1     | \$9,954.20            | \$9,954.20          | \$13,000.00                       | \$13,000.00         | \$18,125.00            | \$18,125.00           |
| 21.                            | 15" SANITARY SEWER PLUG, COMPLETE IN PLACE                                                                                                                                                                                                           | EA   | 1     | \$325.65              | \$325.65            | \$500.00                          | \$500.00            | \$1,800.00             | \$1,800.00            |
| 22.                            | TRENCH SAFETY SYSTEM, COMPLETE IN PLACE                                                                                                                                                                                                              | LF   | 3,970 | \$0.12                | \$476.40            | \$1.00                            | \$3,970.00          | \$0.50                 | \$1,985.00            |
| <b>SUBTOTAL SANITARY ITEMS</b> |                                                                                                                                                                                                                                                      |      |       |                       | <b>\$513,633.24</b> |                                   | <b>\$697,825.00</b> |                        | <b>\$795,984.00 *</b> |
| <b>SWPPP ITEMS</b>             |                                                                                                                                                                                                                                                      |      |       |                       |                     |                                   |                     |                        |                       |
| 1.                             | STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTAINING EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE                                                                                               | LS   | 1     | \$36,108.00           | \$36,108.00         | \$2,200.00                        | \$2,200.00          | \$1,445.00             | \$1,445.00            |

\* MATHEMATICAL ERROR

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER AND SANITARY SEWER FACILITIES - PHASE 1  
 TO SERVE FORT BEND PARKWAY BUSINESS PARK  
 MISSOURI CITY MANAGEMENT DISTRICT NO. 2  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 SEPTEMBER 16, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
 SEPTEMBER 16, 2020  
 2088-4001 (9.2)

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

| ITEM                                | DESCRIPTION                                                                                                                                                                                           | UNIT | QTY   | 4) C. E. BARKER, LTD. |                     | 5) JOSLIN CONSTRUCTION TEXAS, LLC |                       | 6) T CONSTRUCTION, LLC |                         |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-----------------------|---------------------|-----------------------------------|-----------------------|------------------------|-------------------------|
|                                     |                                                                                                                                                                                                       |      |       | UNIT COST             | TOTAL COST          | UNIT COST                         | TOTAL COST            | UNIT COST              | TOTAL COST              |
| 2.                                  | INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE AT LOCATION SHOWN ON PLANS, COMPLETE IN PLACE                                                                               | EA   | 4     | \$3,201.58            | \$12,806.32         | \$3,200.00                        | \$12,800.00           | \$1,500.00             | \$6,000.00              |
| 3.                                  | INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE                                                                                                                | EA   | 4     | \$1,203.60            | \$4,814.40          | \$600.00                          | \$2,400.00            | \$560.00               | \$2,240.00              |
| 4.                                  | INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE                                                                                                                                | LF   | 4,927 | \$1.62                | \$7,981.74          | \$2.00                            | \$9,854.00            | \$1.40                 | \$6,897.80              |
| 5.                                  | INLET STAGE II PROTECTION BARRIERS (AS SHOWN ON PLANS), COMPLETE IN PLACE                                                                                                                             | EA   | 26    | \$60.18               | \$1,564.68          | \$65.00                           | \$1,690.00            | \$80.00                | \$2,080.00              |
| <b>SUBTOTAL SWPPP ITEMS</b>         |                                                                                                                                                                                                       |      |       |                       | <b>\$63,275.14</b>  |                                   | <b>\$28,944.00</b>    |                        | <b>\$18,662.80</b>      |
| <b>MISCELLANEOUS ITEMS</b>          |                                                                                                                                                                                                       |      |       |                       |                     |                                   |                       |                        |                         |
| 1.                                  | DEWATERING FOR UTILITY CONSTRUCTION, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE                                                                                    | LF   | 100   | \$25.00               | \$2,500.00          | \$42.00                           | \$4,200.00            | \$28.00                | \$2,800.00              |
| 2.                                  | ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL WHERE UNSATISFACTORY SOIL CONDITIONS EXIST, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE                        | LF   | 100   | \$25.00               | \$2,500.00          | \$22.00                           | \$2,200.00            | \$22.00                | \$2,200.00              |
| 3.                                  | EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER CUBIC YARD), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE                                                               | CY   | 50    | \$30.00               | \$1,500.00          | \$40.00                           | \$2,000.00            | \$36.00                | \$1,800.00              |
| 4.                                  | UTILITY SPOILS TO BE , INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAULING, PLACEMENT AND COMPACTION OF FILL, AND RE-APPLICATION OF STRIPPINGS TO EXCAVATED AREA AND FILL AREAS, COMPLETE IN PLACE | CY   | 2,700 | \$2.53                | \$6,831.00          | \$7.00                            | \$18,900.00           | \$9.00                 | \$24,300.00             |
| 5.                                  | REMOVE AND REPLACE EXISTING BARBED WIRE FENCE, COMPLETE IN PLACE                                                                                                                                      | LF   | 30    | \$50.15               | \$1,504.50          | \$14.00                           | \$420.00              | \$20.00                | \$600.00                |
| 6.                                  | REMOVAL AND DISPOSAL OF EXISTING SIDEWALK FROM JOINT TO JOINT AND REPLACE TO MATCH EXISTING SIDEWALK (AS NEEDED FOR CONSTRUCTION), COMPLETE IN PLACE                                                  | LS   | 1     | \$41,201.64           | \$41,201.64         | \$32,500.00                       | \$32,500.00           | \$5,800.00             | \$5,800.00              |
| 7.                                  | SITE RESTORATION AND HYDROMULCH WHERE GRASS IS DISTURBED ALONG HURRICANE LANE                                                                                                                         | AC   | 5     | \$4,874.58            | \$24,372.90         | \$2,450.00                        | \$12,250.00           | \$1,300.00             | \$6,500.00              |
| <b>SUBTOTAL MISCELLANEOUS ITEMS</b> |                                                                                                                                                                                                       |      |       |                       | <b>\$80,410.04</b>  |                                   | <b>\$72,470.00</b>    |                        | <b>\$44,000.00</b>      |
| <b>BID SUMMARY</b>                  |                                                                                                                                                                                                       |      |       |                       |                     |                                   |                       |                        |                         |
| SUBTOTAL WATER ITEMS                |                                                                                                                                                                                                       |      |       |                       | \$288,980.67        |                                   | \$277,750.00          |                        | \$343,694.50            |
| SUBTOTAL SANITARY ITEMS             |                                                                                                                                                                                                       |      |       |                       | \$513,633.24        |                                   | \$697,825.00          |                        | \$795,984.00 *          |
| SUBTOTAL SWPPP ITEMS                |                                                                                                                                                                                                       |      |       |                       | \$63,275.14         |                                   | \$28,944.00           |                        | \$18,662.80             |
| SUBTOTAL MISCELLANEOUS ITEMS        |                                                                                                                                                                                                       |      |       |                       | \$80,410.04         |                                   | \$72,470.00           |                        | \$44,000.00             |
| <b>TOTAL AMOUNT BID</b>             |                                                                                                                                                                                                       |      |       |                       | <b>\$946,299.09</b> |                                   | <b>\$1,076,989.00</b> |                        | <b>\$1,202,341.30 *</b> |

\* MATHEMATICAL ERROR

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER AND SANITARY SEWER FACILITIES - PHASE 1  
 TO SERVE FORT BEND PARKWAY BUSINESS PARK  
 MISSOURI CITY MANAGEMENT DISTRICT NO. 2  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 SEPTEMBER 16, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
 SEPTEMBER 16, 2020  
 2088-4001 (9.2)

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

7) TOTAL CONTRACTING LIMITED

| ITEM                        | DESCRIPTION                                                                                                                                                                                                 | UNIT | QTY   | UNIT COST  | TOTAL COST          |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------|---------------------|
| <b>WATER ITEMS</b>          |                                                                                                                                                                                                             |      |       |            |                     |
| 1.                          | 8" P.V.C. WATER LINE AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE                                                                                                     | LF   | 100   | \$200.00   | \$20,000.00         |
| 2.                          | 8" P.V.C. WATER LINE, C-900, SDR 18, CLASS 235, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS AND EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE | LF   | 143   | \$300.00   | \$42,900.00         |
| 3.                          | 12" P.V.C. WATER LINE AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE                                                                                                    | LF   | 3,585 | \$150.00   | \$537,750.00        |
| 4.                          | STEEL CASING WITH RESTRAINED JOINTS FOR 12" WATER LINE, DOES NOT INCLUDE WATER PIPE, COMPLETE IN PLACE                                                                                                      | LF   | 124   | \$125.00   | \$15,500.00         |
| 5.                          | TRENCHLESS CONSTRUCTION FOR STEEL CASING, INCLUDING EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                                                                     | LF   | 124   | \$125.00   | \$15,500.00         |
| 6.                          | 12" WET CONNECTION, INCLUDES REMOVAL OF EXISTING PLUG & CLAMP AND BLOW-OFF VALVE AND CONNECTION TO EXISTING 12" WATER LINE, COMPLETE IN PLACE                                                               | EA   | 1     | \$5,000.00 | \$5,000.00          |
| 7.                          | FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, AND TRENCH SAFETY, COMPLETE IN PLACE                                                                  | EA   | 13    | \$6,500.00 | \$84,500.00         |
| 8.                          | PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE                                                                                                                                                                  | EA   | 3     | \$750.00   | \$2,250.00          |
| 9.                          | 2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE                                                                                                                                                              | EA   | 3     | \$2,500.00 | \$7,500.00          |
| 10.                         | 12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE                                                                                                                                                                | EA   | 4     | \$4,500.00 | \$18,000.00         |
| 11.                         | 8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE                                                                                                                                                                 | LF   | 2     | \$4,000.00 | \$8,000.00          |
| 12.                         | TRENCH SAFETY SYSTEM, COMPLETE IN PLACE                                                                                                                                                                     | LF   | 3,685 | \$1.00     | \$3,685.00          |
| <b>SUBTOTAL WATER ITEMS</b> |                                                                                                                                                                                                             |      |       |            | <b>\$760,585.00</b> |
| <b>SANITARY ITEMS</b>       |                                                                                                                                                                                                             |      |       |            |                     |
| 1.                          | 8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                     | LF   | 493   | \$150.00   | \$73,950.00         |
| 2.                          | 8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                             | LF   | 335   | \$200.00   | \$67,000.00         |
| 3.                          | 8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, INCLUDES STEEL CASING AND EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                        | LF   | 55    | \$200.00   | \$11,000.00         |
| 4.                          | 10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                    | LF   | 60    | \$200.00   | \$12,000.00         |
| 5.                          | 10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                            | LF   | 126   | \$200.00   | \$25,200.00         |
| 6.                          | 10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                   | LF   | 60    | \$200.00   | \$12,000.00         |



**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER AND SANITARY SEWER FACILITIES - PHASE 1  
 TO SERVE FORT BEND PARKWAY BUSINESS PARK  
 MISSOURI CITY MANAGEMENT DISTRICT NO. 2  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 SEPTEMBER 16, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
 SEPTEMBER 16, 2020  
 2088-4001 (9.2)

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

7) TOTAL CONTRACTING LIMITED

| ITEM | DESCRIPTION                                                                                                                                                                                                                                          | UNIT | QTY   | UNIT COST  | TOTAL COST   |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------|--------------|
| 7.   | 12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                             | LF   | 740   | \$200.00   | \$148,000.00 |
| 8.   | 12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                            | LF   | 2,243 | \$200.00   | \$448,600.00 |
| 9.   | 12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS AND STEEL CASING, COMPLETE IN PLACE                                                                    | LF   | 64    | \$200.00   | \$12,800.00  |
| 10.  | 15" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                            | LF   | 7     | \$200.00   | \$1,400.00   |
| 11.  | 18" P.V.C. SEWER PIPE, ASTM F-679, SDR 26, BY TRENCHLESS CONSTRUCTION, ALL DEPTHS, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                                                                      | LF   | 63    | \$250.00   | \$15,750.00  |
| 12.  | 18" P.V.C. SEWER PIPE, ASTM F-679, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                             | LF   | 65    | \$250.00   | \$16,250.00  |
| 13.  | 8" FORCE MAIN, C-900, SDR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, EXCAVATION, BEDDING AND BACKFILL, COMPLETE IN PLACE                                                                                                                                 | LF   | 302   | \$200.00   | \$60,400.00  |
| 14.  | 8" FORCE MAIN, C-900, SDR 18, ALL DEPTHS, BY TRENCHLESS CONSTRUCTION, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, EXCAVATION, BACKFILL OF BORE PITS AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                                  | LF   | 62    | \$200.00   | \$12,400.00  |
| 15.  | 8" FORCE MAIN, C-900, SDR 18, ALL DEPTHS, BY TRENCHLESS CONSTRUCTION, INCLUDES STEEL CASING, ALL FITTINGS AND RESTRAINED JOINTS, EXCAVATION, BACKFILL OF BORE PITS AND COMPACTION OF BORE PITS, COMPLETE IN PLACE                                    | LF   | 300   | \$200.00   | \$60,000.00  |
| 16.  | CONTRACTOR TO CORE INTO EXISTING MANHOLE AND CONNECT PROPOSED 12" SANITARY SEWER, COMPLETE IN PLACE                                                                                                                                                  | EA   | 1     | \$2,000.00 | \$2,000.00   |
| 17.  | CONTRACTOR TO REMOVE 8" PLUG AND CONNECT PROPOSED 8" FORCE MAIN TO EXISTING 8" FORCE MAIN, COMPLETE IN PLACE                                                                                                                                         | EA   | 1     | \$2,000.00 | \$2,000.00   |
| 18.  | PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE                                                                                    | EA   | 27    | \$5,500.00 | \$148,500.00 |
| 19.  | EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE                                                                                                                                                                            | VF   | 92    | \$250.00   | \$23,000.00  |
| 20.  | PRECAST CORROSION RESISTANT SANITARY SEWER MANHOLE FOR FORCE MAIN DISCHARGE PER SANITARY SEWER FACILITIES DETAIL, INCLUDES PROTECTIVE INTERIOR COATING, STAINLESS STEEL INFLOW PROTECTOR, INTERNAL DROP STRUCTURE AND ADJUSTMENTS, COMPLETE IN PLACE | EA   | 1     | \$8,000.00 | \$8,000.00   |
| 21.  | 15" SANITARY SEWER PLUG, COMPLETE IN PLACE                                                                                                                                                                                                           | EA   | 1     | \$1,000.00 | \$1,000.00   |
| 22.  | TRENCH SAFETY SYSTEM, COMPLETE IN PLACE                                                                                                                                                                                                              | LF   | 3,970 | \$1.00     | \$3,970.00   |

**SUBTOTAL SANITARY ITEMS** **\$1,165,220.00**

**SWPPP ITEMS**

|    |                                                                                                                                                        |    |   |             |             |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------|----|---|-------------|-------------|
| 1. | STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTAINING EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE | LS | 1 | \$75,000.00 | \$75,000.00 |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------|----|---|-------------|-------------|

\* MATHEMATICAL ERROR

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER AND SANITARY SEWER FACILITIES - PHASE 1  
 TO SERVE FORT BEND PARKWAY BUSINESS PARK  
 MISSOURI CITY MANAGEMENT DISTRICT NO. 2  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 SEPTEMBER 16, 2020  
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| ITEM                                | DESCRIPTION                                                                                                                                                                                           | UNIT | QTY   | UNIT COST   | TOTAL COST            |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------------|-----------------------|
| 2.                                  | INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE AT LOCATION SHOWN ON PLANS, COMPLETE IN PLACE                                                                               | EA   | 4     | \$1,500.00  | \$6,000.00            |
| 3.                                  | INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE                                                                                                                | EA   | 4     | \$1,500.00  | \$6,000.00            |
| 4.                                  | INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE                                                                                                                                | LF   | 4,927 | \$4.00      | \$19,708.00           |
| 5.                                  | INLET STAGE II PROTECTION BARRIERS (AS SHOWN ON PLANS), COMPLETE IN PLACE                                                                                                                             | EA   | 26    | \$250.00    | \$6,500.00            |
| <b>SUBTOTAL SWPPP ITEMS</b>         |                                                                                                                                                                                                       |      |       |             | <b>\$113,208.00</b>   |
| <b>MISCELLANEOUS ITEMS</b>          |                                                                                                                                                                                                       |      |       |             |                       |
| 1.                                  | DEWATERING FOR UTILITY CONSTRUCTION, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE                                                                                    | LF   | 100   | \$100.00    | \$10,000.00           |
| 2.                                  | ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL WHERE UNSATISFACTORY SOIL CONDITIONS EXIST, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE                        | LF   | 100   | \$100.00    | \$10,000.00           |
| 3.                                  | EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER CUBIC YARD), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE                                                               | CY   | 50    | \$50.00     | \$2,500.00            |
| 4.                                  | UTILITY SPOILS TO BE , INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAULING, PLACEMENT AND COMPACTION OF FILL, AND RE-APPLICATION OF STRIPPINGS TO EXCAVATED AREA AND FILL AREAS, COMPLETE IN PLACE | CY   | 2,700 | \$50.00     | \$135,000.00          |
| 5.                                  | REMOVE AND REPLACE EXISTING BARBED WIRE FENCE, COMPLETE IN PLACE                                                                                                                                      | LF   | 30    | \$50.00     | \$1,500.00            |
| 6.                                  | REMOVAL AND DISPOSAL OF EXISTING SIDEWALK FROM JOINT TO JOINT AND REPLACE TO MATCH EXISTING SIDEWALK (AS NEEDED FOR CONSTRUCTION), COMPLETE IN PLACE                                                  | LS   | 1     | \$50,000.00 | \$50,000.00           |
| 7.                                  | SITE RESTORATION AND HYDROMULCH WHERE GRASS IS DISTURBED ALONG HURRICANE LANE                                                                                                                         | AC   | 5     | \$2,500.00  | \$12,500.00           |
| <b>SUBTOTAL MISCELLANEOUS ITEMS</b> |                                                                                                                                                                                                       |      |       |             | <b>\$221,500.00</b>   |
| <b>BID SUMMARY</b>                  |                                                                                                                                                                                                       |      |       |             |                       |
| SUBTOTAL WATER ITEMS                |                                                                                                                                                                                                       |      |       |             | \$760,585.00          |
| SUBTOTAL SANITARY ITEMS             |                                                                                                                                                                                                       |      |       |             | \$1,165,220.00        |
| SUBTOTAL SWPPP ITEMS                |                                                                                                                                                                                                       |      |       |             | \$113,208.00          |
| SUBTOTAL MISCELLANEOUS ITEMS        |                                                                                                                                                                                                       |      |       |             | \$221,500.00          |
| <b>TOTAL AMOUNT BID</b>             |                                                                                                                                                                                                       |      |       |             | <b>\$2,260,513.00</b> |