

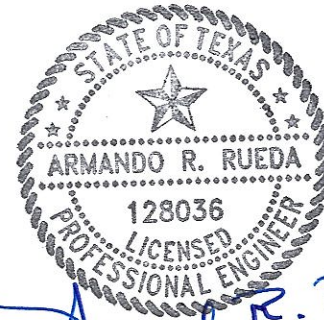
BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER AND SANITARY OFFSITE UTILITIES ALONG FM 1774
TO SERVE ESCONDIDO DEVELOPMENT
MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
CITY OF MAGNOLIA E.T.J., MONTGOMERY COUNTY, TEXAS
FEBRUARY 21, 2020
LJA ENGINEERING, INC.
C. DURHAM
FEBRUARY 21, 2020
2139-3008 (9.2)

| BIDDER'S NAME | TOTAL BID AMOUNT |
|---|------------------|
| 1) C.E. BARKER, LTD. | \$475,508.85 |
| 2) D.L. ELLIOTT ENTERPRISES, INC. | \$574,737.90 |
| 3) CROSTEX CONSTRUCTION, INC. | \$596,000.00 |
| 4) TLC CONSTRUCTION CONTRACT SERVICES | \$597,179.25 |
| 5) TEXASITE, LLC | \$618,580.00 |
| 6) BLAZEY CONSTRUCTION SERVICES, LLC | \$639,011.12 |
| 7) S. THOMAS CONSTRUCTION, LLC | \$645,592.01 |
| 8) BAY UTILITIES, LLC | \$658,176.30 |
| 9) TRIPLE B SERVICES, LLP | \$728,504.35 |
| 10) AR TURNKEE CONSTRUCTION COMPANY, INC. | \$753,051.75 |
| 11) ARANDA INDUSTRIES, LLC | \$799,707.00 |

CALENDAR DAYS - 40/50



Armando R. Rueda
02.21.2020

Armando R. Rueda

I, Armando R. Rueda, P.E., hereby certify these bid tabulations to be true and correct.

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 TO SERVE ESCONDIDO DEVELOPMENT
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 CITY OF MAGNOLIA E.T.J., MONTGOMERY COUNTY, TEXAS
 FEBRUARY 21, 2020
 LJA ENGINEERING, INC.
 C. DURHAM
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 2139-3008 (9.2)

| ITEM DESCRIPTION | UNIT | QTY | 1) C.E. BARKER, LTD. | | 2) D.L. ELLIOTT ENTERPRISES, INC. | | 3) CROSTEX CONSTRUCTION, INC. | | |
|---|------|-------|----------------------|--------------|-----------------------------------|--------------|-------------------------------|--------------|--|
| | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | |
| WATER ITEMS | | | | | | | | | |
| 1. INSTALLATION OF 16" PVC WATER LINE, C-905, DR 18, CLASS 235, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 3,280 | \$43.24 | \$141,827.20 | \$57.00 | \$186,960.00 | \$55.00 | \$180,400.00 | |
| 2. 16" PVC RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 50 | \$95.36 | \$4,768.00 | \$99.00 | \$4,950.00 | \$125.00 | \$6,250.00 | |
| 3. 6" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 60 | \$12.08 | \$724.80 | \$25.00 | \$1,500.00 | \$40.00 | \$2,400.00 | |
| 4. REMOVAL AND DISPOSAL OF EXISTING 6" WATER LINE, ALL DEPTHS, COMPLETE IN PLACE | LF | 40 | \$20.28 | \$811.20 | \$10.00 | \$400.00 | \$25.00 | \$1,000.00 | |
| 5. REMOVAL AND DISPOSAL OF EXISTING 6" GATE VALVE, ALL DEPTHS, COMPLETE IN PLACE | EA | 1 | \$54.06 | \$54.06 | \$170.00 | \$170.00 | \$250.00 | \$250.00 | |
| 6. WET CONNECTION OF PROPOSED 16" WATER LINE TO EXISTING WATER LINE, INCLUDES FITTINGS, ADAPTERS, AND CONNECTORS NECESSARY, CONTRACTOR TO COORDINATE WITH CITY STAFF FOR ISOLATION OF WATER LINE REQUIRED FOR CONNECTION, COMPLETE IN PLACE | EA | 1 | \$1,765.49 | \$1,765.49 | \$850.00 | \$850.00 | \$2,500.00 | \$2,500.00 | |
| 7. 16" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE | EA | 1 | \$758.61 | \$758.61 | \$1,650.00 | \$1,650.00 | \$815.00 | \$815.00 | |
| 8. INSTALLATION OF 16" X 3" WATER LINE REDUCER, COMPLETE IN PLACE | EA | 1 | \$930.38 | \$930.38 | \$1,650.00 | \$1,650.00 | \$750.00 | \$750.00 | |
| 9. 16" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE | EA | 4 | \$9,271.11 | \$37,084.44 | \$7,000.00 | \$28,000.00 | \$6,650.00 | \$26,600.00 | |
| 10. FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, AND LEAD PIPE, COMPLETE IN PLACE | EA | 10 | \$4,410.41 | \$44,104.10 | \$4,600.00 | \$46,000.00 | \$4,550.00 | \$45,500.00 | |
| 11. 6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE | EA | 1 | \$694.09 | \$694.09 | \$700.00 | \$700.00 | \$630.00 | \$630.00 | |
| 12. INSTALLATION OF 12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 50 | \$23.78 | \$1,189.00 | \$40.00 | \$2,000.00 | \$35.00 | \$1,750.00 | |
| 13. 12" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE | EA | 1 | \$494.11 | \$494.11 | \$1,450.00 | \$1,450.00 | \$625.00 | \$625.00 | |
| 14. 12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE | EA | 1 | \$2,317.07 | \$2,317.07 | \$2,200.00 | \$2,200.00 | \$1,850.00 | \$1,850.00 | |
| 15. ADDITIONAL DUCTILE IRON FITTINGS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | TON | 1 | \$540.60 | \$540.60 | \$2,000.00 | \$2,000.00 | \$1.00 | \$1.00 | |
| 16. WET CONNECTION OF PROPOSED 16" WATER LINE TO EXISTING WATER LINE, (INCLUDES FITTINGS, ALL ADAPTERS & CONNECTORS NECESSARY, (ALL DEPTHS), COMPLETE IN PLACE | EA | 2 | \$1,765.49 | \$3,530.98 | \$1,650.00 | \$3,300.00 | \$2,500.00 | \$5,000.00 | |
| 17. BORE AND JACK OR AUGER (WET BORE) OF 16" PVC WATER LINE, FOR AREAS DIRECTLY ADJACENT TO EXISTING POWER POLES AND EXISTING GAS STATION SIGNAGE, ALL DEPTHS, ALL SIZES, EXCLUDES 16" PVC WATER LINE, INCLUDES BORE PITS, DEWATERING OF BORE PITS, TRENCH SAFETY FOR BORE PITS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | LF | 200 | \$26.06 | \$5,212.00 | \$25.00 | \$5,000.00 | \$40.00 | \$8,000.00 | |
| 18. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE | LF | 3,330 | \$0.11 | \$366.30 | \$1.00 | \$3,330.00 | \$1.00 | \$3,330.00 | |
| 19. UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE | CY | 1,411 | \$3.36 | \$4,740.96 | \$1.00 | \$1,411.00 | \$6.00 | \$8,466.00 | |

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 TO SERVE ESCONDIDO DEVELOPMENT
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF MAGNOLIA E.T.J., MONTGOMERY COUNTY, TEXAS
 FEBRUARY 21, 2020
 LJA ENGINEERING, INC.
 C. DURHAM
 FEBRUARY 21, 2020
 2139-3008 (9.2)

| ITEM | DESCRIPTION | UNIT | QTY | 1) C.E. BARKER, LTD. | | 2) D.L. ELLIOTT ENTERPRISES, INC. | | 3) CROSTEX CONSTRUCTION, INC. | |
|--------------------------------------|--|------|-------|----------------------|---------------------|-----------------------------------|---------------------|-------------------------------|-----------------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 20. | BORE AND JACK OR AUGER (WET BORE) OF 16" WATER LINE FOR AREAS SPECIFIED IN CONSTRUCTION PLANS (2-CONCRETE DRIVEWAYS, 1-EXISTING DRAINAGE CHANNEL), ALL DEPTHS, ALL SIZES, EXCLUDES 16" PVC WATER LINE, INCLUDES BORE PITS, DEWATERING OF BORE PITS, TRENCH SAFETY FPR BORE PITS, COMPLETE IN PLACE | LF | 200 | \$26.06 | \$5,212.00 | \$25.00 | \$5,000.00 | \$40.00 | \$8,000.00 |
| SUBTOTAL WATER ITEMS | | | | | \$257,125.39 | | \$298,521.00 | | \$304,117.00 |
| SANITARY SEWER ITEMS | | | | | | | | | |
| 1. | REMOVAL OF EXISTING 12" PLUG AND CONNECT PROPOSED 12" SANITARY SEWER, COMPLETE IN PLACE | EA | 1 | \$1,096.17 | \$1,096.17 | \$500.00 | \$500.00 | \$1,250.00 | \$1,250.00 |
| 2. | 12" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 8'-12' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE | LF | 167 | \$26.43 | \$4,413.81 | \$34.00 | \$5,678.00 | \$43.25 | \$7,222.75 |
| 3. | 12" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 12'-16' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE | LF | 2,731 | \$30.94 | \$84,497.14 | \$48.00 | \$131,088.00 | \$45.25 | \$123,577.75 |
| 4. | 12" PVC SEWER ASTM D-2241, SDR-26, CLASS 160, 16'-20' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE | LF | 340 | \$44.45 | \$15,113.00 | \$62.00 | \$21,080.00 | \$48.25 | \$16,405.00 |
| 5. | STANDARD 5' DIAMETER SANITARY SEWER MANHOLE (0' - 10' DEPTH), INCLUDES PLASTIC INFLOW PROTECTOR, PROTECTIVE INTERIOR COATING (XYPEX ADMIX C-1000R, OR APPROVED EQUAL), AND ADJUSTMENTS, COMPLETE IN PLACE | EA | 10 | \$5,342.02 | \$53,420.20 | \$5,500.00 | \$55,000.00 | \$6,500.00 | \$65,000.00 |
| 6. | EXTRA VERTICAL DEPTH FOR 5' DIAMETER SANITARY SEWER MANHOLE (OVER 10' DEPTH), COMPLETE IN PLACE | VF | 44 | \$342.38 | \$15,064.72 | \$450.00 | \$19,800.00 | \$450.00 | \$19,800.00 |
| 7. | 12" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE | EA | 1 | \$196.81 | \$196.81 | \$100.00 | \$100.00 | \$200.00 | \$200.00 |
| 8. | TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE | LF | 3,238 | \$0.11 | \$356.18 | \$1.00 | \$3,238.00 | \$1.00 | \$3,238.00 |
| 9. | UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE | CY | 1,204 | \$3.36 | \$4,045.44 | \$1.00 | \$1,204.00 | \$6.00 | \$7,224.00 |
| 10. | BORE AND JACK OR AUGER (WET BORE) OF 12" SANITARY SEWER PVC PIPE, ALL DEPTHS, ALL SIZES, EXCLUDES 12" SANITARY SEWER PVC LINE PIPE, INCLUDES BORE PITS, DEWATERING OF BORE PITS, TRENCH SAFETY FOR BORE PITS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | LF | 660 | \$26.06 | \$17,199.60 | \$25.00 | \$16,500.00 | \$30.00 | \$19,800.00 |
| SUBTOTAL SANITARY SEWER ITEMS | | | | | \$195,403.07 | | \$254,188.00 | | \$263,717.50 * |
| MISCELLANEOUS ITEMS | | | | | | | | | |
| 1. | CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE | EA | 1 | \$1,081.20 | \$1,081.20 | \$700.00 | \$700.00 | \$500.00 | \$500.00 |
| 2. | STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INSPECTIONS, MAINTENANCE OF ENTRANCE AND FENCE, NOI, NOT, ALL ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE | LS | 1 | \$540.60 | \$540.60 | \$1,500.00 | \$1,500.00 | \$1,186.00 | \$1,186.00 |
| 3. | STABILIZED CONSTRUCTION EXIT, INSTALLATION, MAINTENANCE AND REMOVAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE | EA | 1 | \$2,530.01 | \$2,530.01 | \$1,500.00 | \$1,500.00 | \$1,500.00 | \$1,500.00 |
| 4. | INSTALL AND MAINTAIN FILTER FABRIC FENCE ALONG BOUNDARY BEFORE CONSTRUCTION STARTS (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE | LF | 3,253 | \$1.36 | \$4,424.08 | \$1.30 | \$4,228.90 | \$1.50 | \$4,879.50 |

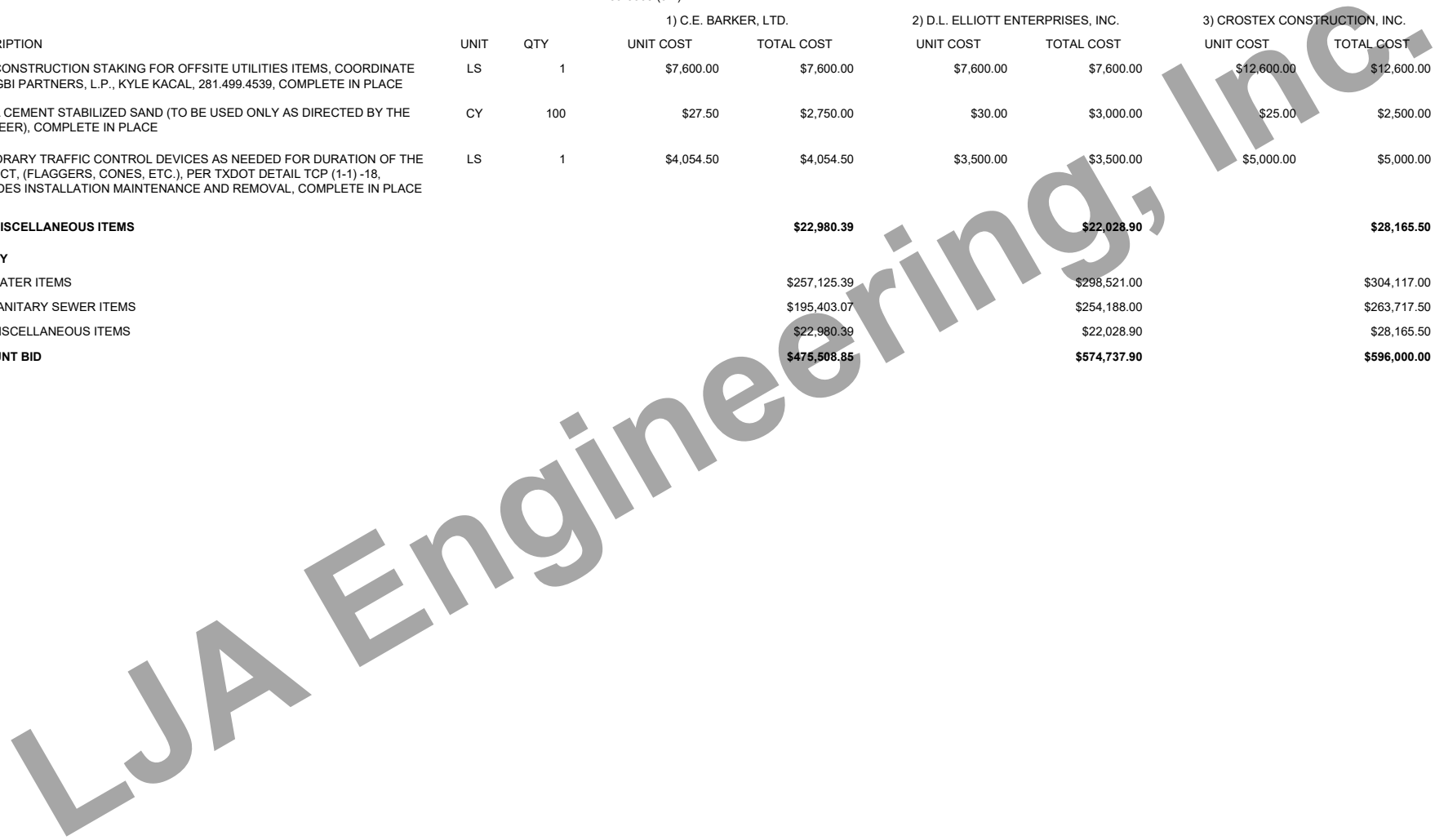
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 TO SERVE ESCONDIDO DEVELOPMENT
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF MAGNOLIA E.T.J., MONTGOMERY COUNTY, TEXAS
 FEBRUARY 21, 2020
 LJA ENGINEERING, INC.
 C. DURHAM
 FEBRUARY 21, 2020
 2139-3008 (9.2)

| ITEM | DESCRIPTION | UNIT | QTY | 1) C.E. BARKER, LTD. | | 2) D.L. ELLIOTT ENTERPRISES, INC. | | 3) CROSTEX CONSTRUCTION, INC. | |
|-------------------------------------|---|------|-----|----------------------|---------------------|-----------------------------------|------------|-------------------------------|-----------------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 5. | FULL CONSTRUCTION STAKING FOR OFFSITE UTILITIES ITEMS, COORDINATE WITH GBI PARTNERS, L.P., KYLE KACAL, 281.499.4539, COMPLETE IN PLACE | LS | 1 | \$7,600.00 | \$7,600.00 | \$7,600.00 | \$7,600.00 | \$12,600.00 | \$12,600.00 |
| 6. | EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE | CY | 100 | \$27.50 | \$2,750.00 | \$30.00 | \$3,000.00 | \$25.00 | \$2,500.00 |
| 7. | TEMPORARY TRAFFIC CONTROL DEVICES AS NEEDED FOR DURATION OF THE PROJECT, (FLAGGERS, CONES, ETC.), PER TXDOT DETAIL TCP (1-1)-18, INCLUDES INSTALLATION MAINTENANCE AND REMOVAL, COMPLETE IN PLACE | LS | 1 | \$4,054.50 | \$4,054.50 | \$3,500.00 | \$3,500.00 | \$5,000.00 | \$5,000.00 |
| SUBTOTAL MISCELLANEOUS ITEMS | | | | | \$22,980.39 | \$22,028.90 | | | \$28,165.50 |
| BID SUMMARY | | | | | | | | | |
| SUBTOTAL WATER ITEMS | | | | | \$257,125.39 | \$298,521.00 | | | \$304,117.00 |
| SUBTOTAL SANITARY SEWER ITEMS | | | | | \$195,403.07 | \$254,188.00 | | | \$263,717.50 * |
| SUBTOTAL MISCELLANEOUS ITEMS | | | | | \$22,980.39 | \$22,028.90 | | | \$28,165.50 |
| TOTAL AMOUNT BID | | | | | \$475,508.85 | \$574,737.90 | | | \$596,000.00 * |



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| ITEM | DESCRIPTION | UNIT | QTY | 4) TLC CONSTRUCTION CONTRACT SERVICES | | 5) TEXASITE, LLC | | 6) BLAZEY CONSTRUCTION SERVICES, LLC | |
|--------------------|---|------|-------|---------------------------------------|--------------|------------------|--------------|--------------------------------------|--------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| WATER ITEMS | | | | | | | | | |
| 1. | INSTALLATION OF 16" PVC WATER LINE, C-905, DR 18, CLASS 235, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 3,280 | \$60.00 | \$196,800.00 | \$57.00 | \$186,960.00 | \$52.18 | \$171,150.40 |
| 2. | 16" PVC RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 50 | \$99.00 | \$4,950.00 | \$115.00 | \$5,750.00 | \$90.26 | \$4,513.00 |
| 3. | 6" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 60 | \$21.00 | \$1,260.00 | \$15.00 | \$900.00 | \$76.72 | \$4,603.20 |
| 4. | REMOVAL AND DISPOSAL OF EXISTING 6" WATER LINE, ALL DEPTHS, COMPLETE IN PLACE | LF | 40 | \$14.00 | \$560.00 | \$23.00 | \$920.00 | \$38.86 | \$1,554.40 |
| 5. | REMOVAL AND DISPOSAL OF EXISTING 6" GATE VALVE, ALL DEPTHS, COMPLETE IN PLACE | EA | 1 | \$586.00 | \$586.00 | \$58.00 | \$58.00 | \$277.56 | \$277.56 |
| 6. | WET CONNECTION OF PROPOSED 16" WATER LINE TO EXISTING WATER LINE, INCLUDES FITTINGS, ADAPTERS, AND CONNECTORS NECESSARY, CONTRACTOR TO COORDINATE WITH CITY STAFF FOR ISOLATION OF WATER LINE REQUIRED FOR CONNECTION, COMPLETE IN PLACE | EA | 1 | \$1,381.00 | \$1,381.00 | \$2,400.00 | \$2,400.00 | \$3,441.74 | \$3,441.74 |
| 7. | 16" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE | EA | 1 | \$1,349.00 | \$1,349.00 | \$900.00 | \$900.00 | \$949.26 | \$949.26 |
| 8. | INSTALLATION OF 16" X 3" WATER LINE REDUCER, COMPLETE IN PLACE | EA | 1 | \$5,415.00 | \$5,415.00 | \$850.00 | \$850.00 | \$4,912.81 | \$4,912.81 |
| 9. | 16" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE | EA | 4 | \$6,373.00 | \$25,492.00 | \$10,200.00 | \$40,800.00 | \$7,582.94 | \$30,331.76 |
| 10. | FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, AND LEAD PIPE, COMPLETE IN PLACE | EA | 10 | \$4,492.00 | \$44,920.00 | \$4,750.00 | \$47,500.00 | \$4,335.49 | \$43,354.90 |
| 11. | 6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE | EA | 1 | \$474.00 | \$474.00 | \$8,100.00 | \$8,100.00 | \$799.37 | \$799.37 |
| 12. | INSTALLATION OF 12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 50 | \$43.00 | \$2,150.00 | \$25.00 | \$1,250.00 | \$54.79 | \$2,739.50 |
| 13. | 12" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE | EA | 1 | \$979.00 | \$979.00 | \$725.00 | \$725.00 | \$782.72 | \$782.72 |
| 14. | 12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE | EA | 1 | \$2,077.00 | \$2,077.00 | \$2,300.00 | \$2,300.00 | \$1,865.20 | \$1,865.20 |
| 15. | ADDITIONAL DUCTILE IRON FITTINGS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | TON | 1 | \$1,111.00 | \$1,111.00 | \$115.00 | \$115.00 | \$1,221.26 | \$1,221.26 |
| 16. | WET CONNECTION OF PROPOSED 16" WATER LINE TO EXISTING WATER LINE, (INCLUDES FITTINGS, ALL ADAPTERS & CONNECTORS NECESSARY, (ALL DEPTHS), COMPLETE IN PLACE | EA | 2 | \$1,384.00 | \$2,768.00 | \$2,400.00 | \$4,800.00 | \$3,441.74 | \$6,883.48 |
| 17. | BORE AND JACK OR AUGER (WET BORE) OF 16" PVC WATER LINE, FOR AREAS DIRECTLY ADJACENT TO EXISTING POWER POLES AND EXISTING GAS STATION SIGNAGE, ALL DEPTHS, ALL SIZES, EXCLUDES 16" PVC WATER LINE, INCLUDES BORE PITS, DEWATERING OF BORE PITS, TRENCH SAFETY FOR BORE PITS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | LF | 200 | \$20.00 | \$4,000.00 * | \$20.00 | \$4,000.00 | \$194.29 | \$38,858.00 |
| 18. | TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE | LF | 3,330 | \$1.00 | \$3,330.00 | \$1.00 | \$3,330.00 | \$0.28 | \$932.40 |
| 19. | UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE | CY | 1,411 | \$2.00 | \$2,822.00 | \$1.00 | \$1,411.00 | \$4.44 | \$6,264.84 |

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| ITEM | DESCRIPTION | UNIT | QTY | 4) TLC CONSTRUCTION CONTRACT SERVICES | | 5) TEXASITE, LLC | | 6) BLAZEY CONSTRUCTION SERVICES, LLC | |
|--------------------------------------|--|------|-------|---------------------------------------|-----------------------|------------------|---------------------|--------------------------------------|---------------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 20. | BORE AND JACK OR AUGER (WET BORE) OF 16" WATER LINE FOR AREAS SPECIFIED IN CONSTRUCTION PLANS (2-CONCRETE DRIVEWAYS, 1-EXISTING DRAINAGE CHANNEL), ALL DEPTHS, ALL SIZES, EXCLUDES 16" PVC WATER LINE, INCLUDES BORE PITS, DEWATERING OF BORE PITS, TRENCH SAFETY FPR BORE PITS, COMPLETE IN PLACE | LF | 200 | \$20.00 | \$4,000.00 | \$90.00 | \$18,000.00 | \$61.06 | \$12,212.00 |
| SUBTOTAL WATER ITEMS | | | | | \$306,424.00 * | | \$331,069.00 | | \$337,647.80 |
| SANITARY SEWER ITEMS | | | | | | | | | |
| 1. | REMOVAL OF EXISTING 12" PLUG AND CONNECT PROPOSED 12" SANITARY SEWER, COMPLETE IN PLACE | EA | 1 | \$156.00 | \$156.00 | \$550.00 | \$550.00 | \$288.66 | \$288.66 |
| 2. | 12" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 8'-12' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE | LF | 167 | \$43.00 | \$7,181.00 | \$33.00 | \$5,511.00 | \$42.36 | \$7,074.12 |
| 3. | 12" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 12'-16' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE | LF | 2,731 | \$48.00 | \$131,088.00 | \$35.00 | \$95,585.00 | \$47.74 | \$130,377.94 |
| 4. | 12" PVC SEWER ASTM D-2241, SDR-26, CLASS 160, 16'-20' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE | LF | 340 | \$84.00 | \$28,560.00 | \$45.00 | \$15,300.00 | \$74.66 | \$25,384.40 |
| 5. | STANDARD 5' DIAMETER SANITARY SEWER MANHOLE (0' - 10' DEPTH), INCLUDES PLASTIC INFLOW PROTECTOR, PROTECTIVE INTERIOR COATING (XYPEX ADMIX C-1000R, OR APPROVED EQUAL), AND ADJUSTMENTS, COMPLETE IN PLACE | EA | 10 | \$5,922.00 | \$59,220.00 | \$5,225.00 | \$52,250.00 | \$3,652.69 | \$36,526.90 |
| 6. | EXTRA VERTICAL DEPTH FOR 5' DIAMETER SANITARY SEWER MANHOLE (OVER 10' DEPTH), COMPLETE IN PLACE | VF | 44 | \$348.00 | \$15,312.00 | \$420.00 | \$18,480.00 | \$216.50 | \$9,526.00 |
| 7. | 12" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE | EA | 1 | \$148.00 | \$148.00 | \$120.00 | \$120.00 | \$172.09 | \$172.09 |
| 8. | TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE | LF | 3,238 | \$1.00 | \$3,238.00 | \$1.00 | \$3,238.00 | \$0.28 | \$906.64 |
| 9. | UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE | CY | 1,204 | \$2.00 | \$2,408.00 | \$1.00 | \$1,204.00 | \$4.44 | \$5,345.76 |
| 10. | BORE AND JACK OR AUGER (WET BORE) OF 12" SANITARY SEWER PVC PIPE, ALL DEPTHS, ALL SIZES, EXCLUDES 12" SANITARY SEWER PVC LINE PIPE, INCLUDES BORE PITS, DEWATERING OF BORE PITS, TRENCH SAFETY FOR BORE PITS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | LF | 660 | \$20.00 | \$13,200.00 | \$120.00 | \$79,200.00 | \$99.92 | \$65,947.20 |
| SUBTOTAL SANITARY SEWER ITEMS | | | | | \$260,511.00 * | | \$271,438.00 | | \$281,549.71 |
| MISCELLANEOUS ITEMS | | | | | | | | | |
| 1. | CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE | EA | 1 | \$722.00 | \$722.00 | \$20.00 | \$20.00 | \$666.14 | \$666.14 |
| 2. | STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INSPECTIONS, MAINTENANCE OF ENTRANCE AND FENCE, NOI, NOT, ALL ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE | LS | 1 | \$1,500.00 | \$1,500.00 | \$1,500.00 | \$1,500.00 | \$638.39 | \$638.39 |
| 3. | STABILIZED CONSTRUCTION EXIT, INSTALLATION, MAINTENANCE AND REMOVAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE | EA | 1 | \$2,500.00 | \$2,500.00 | \$100.00 | \$100.00 | \$1,887.41 | \$1,887.41 |
| 4. | INSTALL AND MAINTAIN FILTER FABRIC FENCE ALONG BOUNDARY BEFORE CONSTRUCTION STARTS (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE | LF | 3,253 | \$1.25 | \$4,066.25 | \$1.00 | \$3,253.00 | \$1.39 | \$4,521.67 |

* MATHEMATICAL ERROR

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER AND SANITARY OFFSITE UTILITIES ALONG FM 1774
 TO SERVE ESCONDIDO DEVELOPMENT
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF MAGNOLIA E.T.J., MONTGOMERY COUNTY, TEXAS
 FEBRUARY 21, 2020
 LJA ENGINEERING, INC.
 C. DURHAM
 FEBRUARY 21, 2020
 2139-3008 (9.2)

| ITEM | DESCRIPTION | UNIT | QTY | 4) TLC CONSTRUCTION CONTRACT SERVICES | | 5) TEXASITE, LLC | | 6) BLAZEY CONSTRUCTION SERVICES, LLC | |
|-------------------------------------|---|------|-----|---------------------------------------|-----------------------|---------------------|------------|--------------------------------------|---------------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 5. | FULL CONSTRUCTION STAKING FOR OFFSITE UTILITIES ITEMS, COORDINATE WITH GBI PARTNERS, L.P., KYLE KACAL, 281.499.4539, COMPLETE IN PLACE | LS | 1 | \$7,600.00 | \$7,600.00 | \$7,600.00 | \$7,600.00 | \$7,600.00 | \$7,600.00 |
| 6. | EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE | CY | 100 | \$33.00 | \$3,300.00 | \$1.00 | \$100.00 | \$20.00 | \$2,000.00 |
| 7. | TEMPORARY TRAFFIC CONTROL DEVICES AS NEEDED FOR DURATION OF THE PROJECT, (FLAGGERS, CONES, ETC.), PER TXDOT DETAIL TCP (1-1)-18, INCLUDES INSTALLATION MAINTENANCE AND REMOVAL, COMPLETE IN PLACE | LS | 1 | \$10,556.00 | \$10,556.00 | \$3,500.00 | \$3,500.00 | \$2,500.00 | \$2,500.00 |
| SUBTOTAL MISCELLANEOUS ITEMS | | | | | \$30,244.25 | \$16,073.00 | | | \$19,813.61 |
| BID SUMMARY | | | | | | | | | |
| SUBTOTAL WATER ITEMS | | | | | \$306,424.00 * | \$331,069.00 | | | \$337,647.80 |
| SUBTOTAL SANITARY SEWER ITEMS | | | | | \$260,511.00 * | \$271,438.00 | | | \$281,549.71 |
| SUBTOTAL MISCELLANEOUS ITEMS | | | | | \$30,244.25 | \$16,073.00 | | | \$19,813.61 |
| TOTAL AMOUNT BID | | | | | \$597,179.25 * | \$618,580.00 | | | \$639,011.12 |

LJA Engineering, Inc.

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CONSTRUCTION OF THE WATER AND SANITARY OFFSITE UTILITIES ALONG FM 1774
 TO SERVE ESCONDIDO DEVELOPMENT
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF MAGNOLIA E.T.J., MONTGOMERY COUNTY, TEXAS
 FEBRUARY 21, 2020
 LJA ENGINEERING, INC.
 C. DURHAM
 FEBRUARY 21, 2020
 2139-3008 (9.2)

| ITEM | DESCRIPTION | UNIT | QTY | 7) S. THOMAS CONSTRUCTION, LLC | | 8) BAY UTILITIES, LLC | | 9) TRIPLE B SERVICES, LLP | |
|--------------------|---|------|-------|--------------------------------|--------------|-----------------------|--------------|---------------------------|--------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| WATER ITEMS | | | | | | | | | |
| 1. | INSTALLATION OF 16" PVC WATER LINE, C-905, DR 18, CLASS 235, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 3,280 | \$61.50 | \$201,720.00 | \$48.00 | \$157,440.00 | \$52.00 | \$170,560.00 |
| 2. | 16" PVC RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 50 | \$105.00 | \$5,250.00 | \$87.00 | \$4,350.00 | \$145.00 | \$7,250.00 |
| 3. | 6" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 60 | \$25.50 | \$1,530.00 | \$18.00 | \$1,080.00 | \$4.50 | \$270.00 |
| 4. | REMOVAL AND DISPOSAL OF EXISTING 6" WATER LINE, ALL DEPTHS, COMPLETE IN PLACE | LF | 40 | \$8.00 | \$320.00 | \$12.00 | \$480.00 | \$9.15 | \$366.00 |
| 5. | REMOVAL AND DISPOSAL OF EXISTING 6" GATE VALVE, ALL DEPTHS, COMPLETE IN PLACE | EA | 1 | \$500.00 | \$500.00 | \$280.00 | \$280.00 | \$245.00 | \$245.00 |
| 6. | WET CONNECTION OF PROPOSED 16" WATER LINE TO EXISTING WATER LINE, INCLUDES FITTINGS, ADAPTERS, AND CONNECTORS NECESSARY, CONTRACTOR TO COORDINATE WITH CITY STAFF FOR ISOLATION OF WATER LINE REQUIRED FOR CONNECTION, COMPLETE IN PLACE | EA | 1 | \$725.00 | \$725.00 | \$560.00 | \$560.00 | \$1,200.00 | \$1,200.00 |
| 7. | 16" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE | EA | 1 | \$1,550.00 | \$1,550.00 | \$1,200.00 | \$1,200.00 | \$1,200.00 | \$1,200.00 |
| 8. | INSTALLATION OF 16" X 3" WATER LINE REDUCER, COMPLETE IN PLACE | EA | 1 | \$300.00 | \$300.00 | \$3,200.00 | \$3,200.00 | \$735.00 | \$735.00 |
| 9. | 16" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE | EA | 4 | \$6,650.00 | \$26,600.00 | \$6,200.00 | \$24,800.00 | \$8,500.00 | \$34,000.00 |
| 10. | FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, AND LEAD PIPE, COMPLETE IN PLACE | EA | 10 | \$5,400.00 | \$54,000.00 | \$4,300.00 | \$43,000.00 | \$4,625.00 | \$46,250.00 |
| 11. | 6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE | EA | 1 | \$850.00 | \$850.00 | \$680.00 | \$680.00 | \$800.00 | \$800.00 |
| 12. | INSTALLATION OF 12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 50 | \$36.00 | \$1,800.00 | \$31.00 | \$1,550.00 | \$60.00 | \$3,000.00 |
| 13. | 12" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE | EA | 1 | \$1,350.00 | \$1,350.00 | \$980.00 | \$980.00 | \$950.00 | \$950.00 |
| 14. | 12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE | EA | 1 | \$2,350.00 | \$2,350.00 | \$2,000.00 | \$2,000.00 | \$2,100.00 | \$2,100.00 |
| 15. | ADDITIONAL DUCTILE IRON FITTINGS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | TON | 1 | \$2,000.00 | \$2,000.00 | \$1,700.00 | \$1,700.00 | \$1.00 | \$1.00 |
| 16. | WET CONNECTION OF PROPOSED 16" WATER LINE TO EXISTING WATER LINE, (INCLUDES FITTINGS, ALL ADAPTERS & CONNECTORS NECESSARY, (ALL DEPTHS), COMPLETE IN PLACE | EA | 2 | \$830.00 | \$1,660.00 | \$400.00 | \$800.00 | \$900.00 | \$1,800.00 |
| 17. | BORE AND JACK OR AUGER (WET BORE) OF 16" PVC WATER LINE, FOR AREAS DIRECTLY ADJACENT TO EXISTING POWER POLES AND EXISTING GAS STATION SIGNAGE, ALL DEPTHS, ALL SIZES, EXCLUDES 16" PVC WATER LINE, INCLUDES BORE PITS, DEWATERING OF BORE PITS, TRENCH SAFETY FOR BORE PITS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | LF | 200 | \$46.00 | \$9,200.00 | \$120.00 | \$24,000.00 | \$238.00 | \$47,600.00 |
| 18. | TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE | LF | 3,330 | \$0.12 | \$399.60 | \$1.00 | \$3,330.00 | \$0.10 | \$333.00 |
| 19. | UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE | CY | 1,411 | \$2.75 | \$3,880.25 | \$5.00 | \$7,055.00 | \$1.00 | \$1,411.00 |

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CONSTRUCTION OF THE WATER AND SANITARY OFFSITE UTILITIES ALONG FM 1774
 TO SERVE ESCONDIDO DEVELOPMENT
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF MAGNOLIA E.T.J., MONTGOMERY COUNTY, TEXAS
 FEBRUARY 21, 2020
 LJA ENGINEERING, INC.
 C. DURHAM
 FEBRUARY 21, 2020
 2139-3008 (9.2)

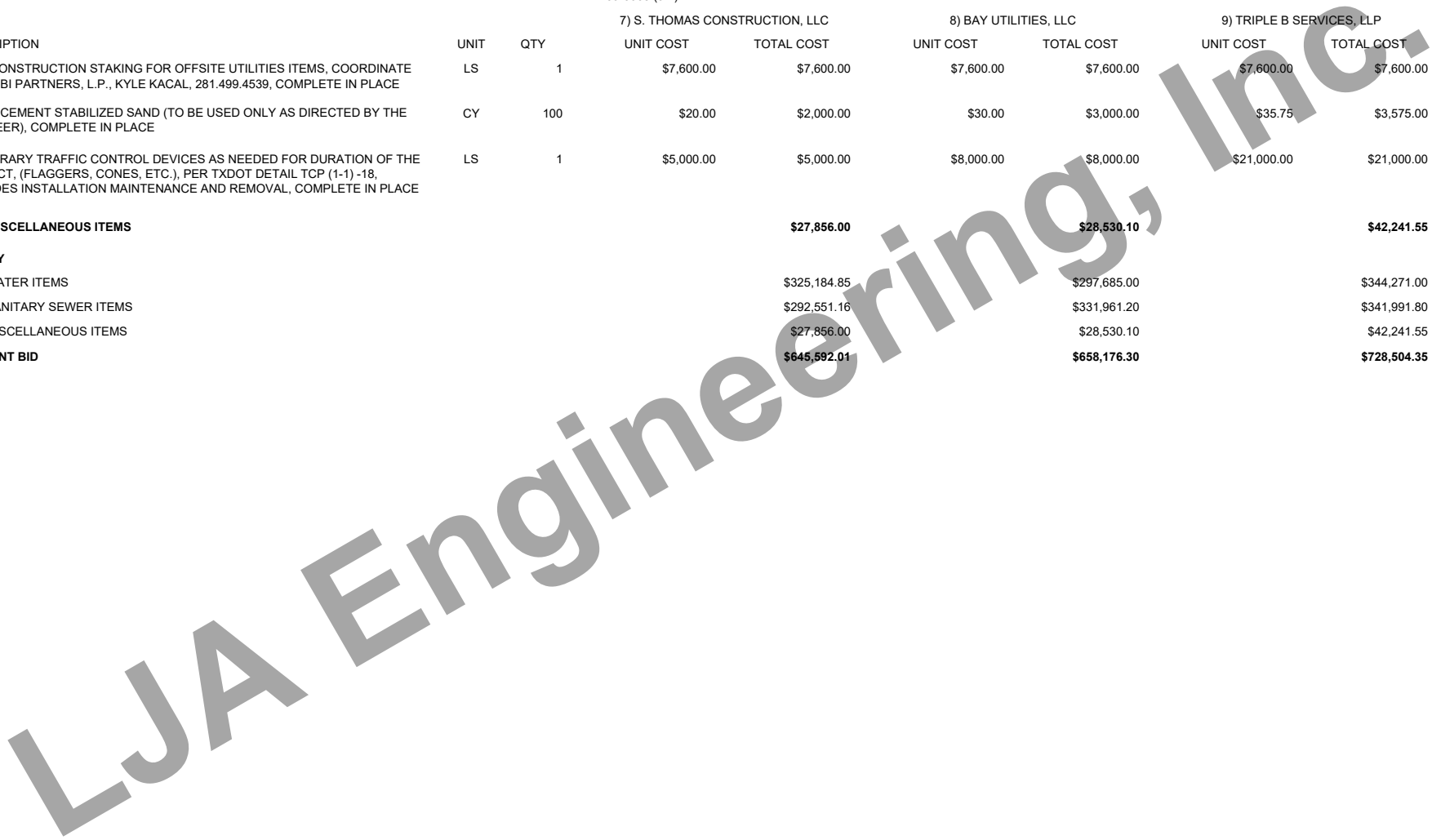
| ITEM | DESCRIPTION | UNIT | QTY | 7) S. THOMAS CONSTRUCTION, LLC | | 8) BAY UTILITIES, LLC | | 9) TRIPLE B SERVICES, LLP | |
|--------------------------------------|--|------|-------|--------------------------------|---------------------|-----------------------|---------------------|---------------------------|---------------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 20. | BORE AND JACK OR AUGER (WET BORE) OF 16" WATER LINE FOR AREAS SPECIFIED IN CONSTRUCTION PLANS (2-CONCRETE DRIVEWAYS, 1-EXISTING DRAINAGE CHANNEL), ALL DEPTHS, ALL SIZES, EXCLUDES 16" PVC WATER LINE, INCLUDES BORE PITS, DEWATERING OF BORE PITS, TRENCH SAFETY FPR BORE PITS, COMPLETE IN PLACE | LF | 200 | \$46.00 | \$9,200.00 | \$96.00 | \$19,200.00 | \$121.00 | \$24,200.00 |
| SUBTOTAL WATER ITEMS | | | | | \$325,184.85 | | \$297,685.00 | | \$344,271.00 |
| SANITARY SEWER ITEMS | | | | | | | | | |
| 1. | REMOVAL OF EXISTING 12" PLUG AND CONNECT PROPOSED 12" SANITARY SEWER, COMPLETE IN PLACE | EA | 1 | \$500.00 | \$500.00 | \$2,800.00 | \$2,800.00 | \$210.00 | \$210.00 |
| 2. | 12" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 8'-12' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE | LF | 167 | \$53.20 | \$8,884.40 | \$49.00 | \$8,183.00 | \$39.50 | \$6,596.50 |
| 3. | 12" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 12'-16' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE | LF | 2,731 | \$53.20 | \$145,289.20 | \$55.00 | \$150,205.00 | \$39.50 | \$107,874.50 |
| 4. | 12" PVC SEWER ASTM D-2241, SDR-26, CLASS 160, 16'-20' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE | LF | 340 | \$53.20 | \$18,088.00 | \$61.00 | \$20,740.00 | \$42.50 | \$14,450.00 |
| 5. | STANDARD 5' DIAMETER SANITARY SEWER MANHOLE (0' - 10' DEPTH), INCLUDES PLASTIC INFLOW PROTECTOR, PROTECTIVE INTERIOR COATING (XYPEX ADMIX C-1000R, OR APPROVED EQUAL), AND ADJUSTMENTS, COMPLETE IN PLACE | EA | 10 | \$5,600.00 | \$56,000.00 | \$6,100.00 | \$61,000.00 | \$4,805.00 | \$48,050.00 |
| 6. | EXTRA VERTICAL DEPTH FOR 5' DIAMETER SANITARY SEWER MANHOLE (OVER 10' DEPTH), COMPLETE IN PLACE | VF | 44 | \$400.00 | \$17,600.00 | \$500.00 | \$22,000.00 | \$377.00 | \$16,588.00 |
| 7. | 12" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE | EA | 1 | \$250.00 | \$250.00 | \$380.00 | \$380.00 | \$175.00 | \$175.00 |
| 8. | TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE | LF | 3,238 | \$0.12 | \$388.56 | \$1.40 | \$4,533.20 | \$0.10 | \$323.80 |
| 9. | UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE | CY | 1,204 | \$2.75 | \$3,311.00 | \$5.00 | \$6,020.00 | \$1.00 | \$1,204.00 |
| 10. | BORE AND JACK OR AUGER (WET BORE) OF 12" SANITARY SEWER PVC PIPE, ALL DEPTHS, ALL SIZES, EXCLUDES 12" SANITARY SEWER PVC LINE PIPE, INCLUDES BORE PITS, DEWATERING OF BORE PITS, TRENCH SAFETY FOR BORE PITS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | LF | 660 | \$64.00 | \$42,240.00 | \$85.00 | \$56,100.00 | \$222.00 | \$146,520.00 |
| SUBTOTAL SANITARY SEWER ITEMS | | | | | \$292,551.16 | | \$331,961.20 | | \$341,991.80 |
| MISCELLANEOUS ITEMS | | | | | | | | | |
| 1. | CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE | EA | 1 | \$2,500.00 | \$2,500.00 | \$1,300.00 | \$1,300.00 | \$475.00 | \$475.00 |
| 2. | STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INSPECTIONS, MAINTENANCE OF ENTRANCE AND FENCE, NOI, NOT, ALL ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE | LS | 1 | \$1,250.00 | \$1,250.00 | \$1,500.00 | \$1,500.00 | \$2,000.00 | \$2,000.00 |
| 3. | STABILIZED CONSTRUCTION EXIT, INSTALLATION, MAINTENANCE AND REMOVAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE | EA | 1 | \$3,000.00 | \$3,000.00 | \$1,600.00 | \$1,600.00 | \$3,200.00 | \$3,200.00 |
| 4. | INSTALL AND MAINTAIN FILTER FABRIC FENCE ALONG BOUNDARY BEFORE CONSTRUCTION STARTS (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE | LF | 3,253 | \$2.00 | \$6,506.00 | \$1.70 | \$5,530.10 | \$1.35 | \$4,391.55 |

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CONSTRUCTION OF THE WATER AND SANITARY OFFSITE UTILITIES ALONG FM 1774
 TO SERVE ESCONDIDO DEVELOPMENT
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF MAGNOLIA E.T.J., MONTGOMERY COUNTY, TEXAS
 FEBRUARY 21, 2020
 LJA ENGINEERING, INC.
 C. DURHAM
 FEBRUARY 21, 2020
 2139-3008 (9.2)

| ITEM | DESCRIPTION | UNIT | QTY | 7) S. THOMAS CONSTRUCTION, LLC | | 8) BAY UTILITIES, LLC | | 9) TRIPLE B SERVICES, LLP | |
|-------------------------------------|---|------|-----|--------------------------------|---------------------|-----------------------|------------|---------------------------|---------------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 5. | FULL CONSTRUCTION STAKING FOR OFFSITE UTILITIES ITEMS, COORDINATE WITH GBI PARTNERS, L.P., KYLE KACAL, 281.499.4539, COMPLETE IN PLACE | LS | 1 | \$7,600.00 | \$7,600.00 | \$7,600.00 | \$7,600.00 | \$7,600.00 | \$7,600.00 |
| 6. | EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE | CY | 100 | \$20.00 | \$2,000.00 | \$30.00 | \$3,000.00 | \$35.75 | \$3,575.00 |
| 7. | TEMPORARY TRAFFIC CONTROL DEVICES AS NEEDED FOR DURATION OF THE PROJECT, (FLAGGERS, CONES, ETC.), PER TXDOT DETAIL TCP (1-1)-18, INCLUDES INSTALLATION MAINTENANCE AND REMOVAL, COMPLETE IN PLACE | LS | 1 | \$5,000.00 | \$5,000.00 | \$8,000.00 | \$8,000.00 | \$21,000.00 | \$21,000.00 |
| SUBTOTAL MISCELLANEOUS ITEMS | | | | | \$27,856.00 | \$28,530.10 | | | \$42,241.55 |
| BID SUMMARY | | | | | | | | | |
| SUBTOTAL WATER ITEMS | | | | | \$325,184.85 | \$297,685.00 | | | \$344,271.00 |
| SUBTOTAL SANITARY SEWER ITEMS | | | | | \$292,551.16 | \$331,961.20 | | | \$341,991.80 |
| SUBTOTAL MISCELLANEOUS ITEMS | | | | | \$27,856.00 | \$28,530.10 | | | \$42,241.55 |
| TOTAL AMOUNT BID | | | | | \$645,592.01 | \$658,176.30 | | | \$728,504.35 |



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 TO SERVE ESCONDIDO DEVELOPMENT
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF MAGNOLIA E.T.J., MONTGOMERY COUNTY, TEXAS
 FEBRUARY 21, 2020
 LJA ENGINEERING, INC.
 C. DURHAM
 FEBRUARY 21, 2020
 2139-3008 (9.2)

| ITEM | DESCRIPTION | UNIT | QTY | 10) AR TURNKEE CONSTRUCTION COMPANY, INC. | | 11) ARANDA INDUSTRIES, LLC | |
|--------------------|---|------|-------|---|--------------|----------------------------|--------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| WATER ITEMS | | | | | | | |
| 1. | INSTALLATION OF 16" PVC WATER LINE, C-905, DR 18, CLASS 235, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 3,280 | \$65.25 | \$214,020.00 | \$71.00 | \$232,880.00 |
| 2. | 16" PVC RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 50 | \$125.00 | \$6,250.00 | \$88.00 | \$4,400.00 |
| 3. | 6" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 60 | \$60.00 | \$3,600.00 | \$28.00 | \$1,680.00 |
| 4. | REMOVAL AND DISPOSAL OF EXISTING 6" WATER LINE, ALL DEPTHS, COMPLETE IN PLACE | LF | 40 | \$20.00 | \$800.00 | \$9.00 | \$360.00 |
| 5. | REMOVAL AND DISPOSAL OF EXISTING 6" GATE VALVE, ALL DEPTHS, COMPLETE IN PLACE | EA | 1 | \$200.00 | \$200.00 | \$221.00 | \$221.00 |
| 6. | WET CONNECTION OF PROPOSED 16" WATER LINE TO EXISTING WATER LINE, INCLUDES FITTINGS, ADAPTERS, AND CONNECTORS NECESSARY, CONTRACTOR TO COORDINATE WITH CITY STAFF FOR ISOLATION OF WATER LINE REQUIRED FOR CONNECTION, COMPLETE IN PLACE | EA | 1 | \$3,000.00 | \$3,000.00 | \$7,410.00 | \$7,410.00 |
| 7. | 16" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE | EA | 1 | \$1,200.00 | \$1,200.00 | \$2,237.00 | \$2,237.00 |
| 8. | INSTALLATION OF 16" X 3" WATER LINE REDUCER, COMPLETE IN PLACE | EA | 1 | \$5,400.00 | \$5,400.00 | \$1,014.00 | \$1,014.00 |
| 9. | 16" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE | EA | 4 | \$7,125.00 | \$28,500.00 | \$8,434.00 | \$33,736.00 |
| 10. | FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, AND LEAD PIPE, COMPLETE IN PLACE | EA | 10 | \$4,800.00 | \$48,000.00 | \$5,311.00 | \$53,110.00 |
| 11. | 6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE | EA | 1 | \$1,050.00 | \$1,050.00 | \$1,302.00 | \$1,302.00 |
| 12. | INSTALLATION OF 12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE | LF | 50 | \$85.00 | \$4,250.00 | \$86.00 | \$4,300.00 |
| 13. | 12" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE | EA | 1 | \$1,020.00 | \$1,020.00 | \$1,066.00 | \$1,066.00 |
| 14. | 12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE | EA | 1 | \$2,500.00 | \$2,500.00 | \$2,974.00 | \$2,974.00 |
| 15. | ADDITIONAL DUCTILE IRON FITTINGS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | TON | 1 | \$1,800.00 | \$1,800.00 | \$13,083.00 | \$13,083.00 |
| 16. | WET CONNECTION OF PROPOSED 16" WATER LINE TO EXISTING WATER LINE, (INCLUDES FITTINGS, ALL ADAPTERS & CONNECTORS NECESSARY, (ALL DEPTHS), COMPLETE IN PLACE | EA | 2 | \$1,400.00 | \$2,800.00 | \$3,250.00 | \$6,500.00 |
| 17. | BORE AND JACK OR AUGER (WET BORE) OF 16" PVC WATER LINE, FOR AREAS DIRECTLY ADJACENT TO EXISTING POWER POLES AND EXISTING GAS STATION SIGNAGE, ALL DEPTHS, ALL SIZES, EXCLUDES 16" PVC WATER LINE, INCLUDES BORE PITS, DEWATERING OF BORE PITS, TRENCH SAFETY FOR BORE PITS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | LF | 200 | \$70.00 | \$14,000.00 | \$43.00 | \$8,600.00 |
| 18. | TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE | LF | 3,330 | \$1.00 | \$3,330.00 | \$1.00 | \$3,330.00 |
| 19. | UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE | CY | 1,411 | \$4.00 | \$5,644.00 | \$7.00 | \$9,877.00 |

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER AND SANITARY OFFSITE UTILITIES ALONG FM 1774
 TO SERVE ESCONDIDO DEVELOPMENT
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF MAGNOLIA E.T.J., MONTGOMERY COUNTY, TEXAS
 FEBRUARY 21, 2020
 LJA ENGINEERING, INC.
 C. DURHAM
 FEBRUARY 21, 2020
 2139-3008 (9.2)

| ITEM | DESCRIPTION | UNIT | QTY | 10) AR TURNKEE CONSTRUCTION COMPANY, INC. | | 11) ARANDA INDUSTRIES, LLC | |
|--------------------------------------|--|------|-------|---|---------------------|----------------------------|---------------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 20. | BORE AND JACK OR AUGER (WET BORE) OF 16" WATER LINE FOR AREAS SPECIFIED IN CONSTRUCTION PLANS (2-CONCRETE DRIVEWAYS, 1-EXISTING DRAINAGE CHANNEL), ALL DEPTHS, ALL SIZES, EXCLUDES 16" PVC WATER LINE, INCLUDES BORE PITS, DEWATERING OF BORE PITS, TRENCH SAFETY FPR BORE PITS, COMPLETE IN PLACE | LF | 200 | \$101.00 | \$20,200.00 | \$43.00 | \$8,600.00 |
| SUBTOTAL WATER ITEMS | | | | | \$367,564.00 | | \$396,680.00 |
| SANITARY SEWER ITEMS | | | | | | | |
| 1. | REMOVAL OF EXISTING 12" PLUG AND CONNECT PROPOSED 12" SANITARY SEWER, COMPLETE IN PLACE | EA | 1 | \$700.00 | \$700.00 | \$2,405.00 | \$2,405.00 |
| 2. | 12" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 8'-12' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE | LF | 167 | \$40.00 | \$6,680.00 | \$58.00 | \$9,686.00 |
| 3. | 12" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 12'-16' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE | LF | 2,731 | \$60.50 | \$165,225.50 | \$63.00 | \$172,053.00 |
| 4. | 12" PVC SEWER ASTM D-2241, SDR-26, CLASS 160, 16'-20' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE | LF | 340 | \$91.50 | \$31,110.00 | \$70.00 | \$23,800.00 |
| 5. | STANDARD 5' DIAMETER SANITARY SEWER MANHOLE (0' - 10' DEPTH), INCLUDES PLASTIC INFLOW PROTECTOR, PROTECTIVE INTERIOR COATING (XYPEX ADMIX C-1000R, OR APPROVED EQUAL), AND ADJUSTMENTS, COMPLETE IN PLACE | EA | 10 | \$3,050.00 | \$30,500.00 | \$7,605.00 | \$76,050.00 |
| 6. | EXTRA VERTICAL DEPTH FOR 5' DIAMETER SANITARY SEWER MANHOLE (OVER 10' DEPTH), COMPLETE IN PLACE | VF | 44 | \$200.00 | \$8,800.00 | \$676.00 | \$29,744.00 |
| 7. | 12" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE | EA | 1 | \$450.00 | \$450.00 | \$490.00 | \$490.00 |
| 8. | TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE | LF | 3,238 | \$5.00 | \$16,190.00 | \$1.00 | \$3,238.00 |
| 9. | UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE | CY | 1,204 | \$4.00 | \$4,816.00 | \$7.00 | \$8,428.00 |
| 10. | BORE AND JACK OR AUGER (WET BORE) OF 12" SANITARY SEWER PVC PIPE, ALL DEPTHS, ALL SIZES, EXCLUDES 12" SANITARY SEWER PVC LINE PIPE, INCLUDES BORE PITS, DEWATERING OF BORE PITS, TRENCH SAFETY FOR BORE PITS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE | LF | 660 | \$145.00 | \$95,700.00 | \$78.00 | \$51,480.00 |
| SUBTOTAL SANITARY SEWER ITEMS | | | | | \$360,171.50 | | \$377,374.00 |
| MISCELLANEOUS ITEMS | | | | | | | |
| 1. | CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE | EA | 1 | \$400.00 | \$400.00 | \$50.00 | \$50.00 |
| 2. | STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INSPECTIONS, MAINTENANCE OF ENTRANCE AND FENCE, NOI, NOT, ALL ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE | LS | 1 | \$850.00 | \$850.00 | \$2,500.00 | \$2,500.00 |
| 3. | STABILIZED CONSTRUCTION EXIT, INSTALLATION, MAINTENANCE AND REMOVAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE | EA | 1 | \$400.00 | \$400.00 | \$1,250.00 | \$1,250.00 |
| 4. | INSTALL AND MAINTAIN FILTER FABRIC FENCE ALONG BOUNDARY BEFORE CONSTRUCTION STARTS (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE | LF | 3,253 | \$1.25 | \$4,066.25 | \$1.00 | \$3,253.00 |

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TO SERVE ESCONDIDO DEVELOPMENT
MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
CITY OF MAGNOLIA E.T.J., MONTGOMERY COUNTY, TEXAS
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| ITEM | DESCRIPTION | UNIT | QTY | 10) AR TURNKEE CONSTRUCTION COMPANY, INC. | | 11) ARANDA INDUSTRIES, LLC | |
|-------------------------------------|---|------|-----|---|---------------------|----------------------------|------------|
| | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 5. | FULL CONSTRUCTION STAKING FOR OFFSITE UTILITIES ITEMS, COORDINATE WITH GBI PARTNERS, L.P., KYLE KACAL, 281.499.4539, COMPLETE IN PLACE | LS | 1 | \$7,600.00 | \$7,600.00 | \$7,600.00 | \$7,600.00 |
| 6. | EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE | CY | 100 | \$10.00 | \$1,000.00 | \$35.00 | \$3,500.00 |
| 7. | TEMPORARY TRAFFIC CONTROL DEVICES AS NEEDED FOR DURATION OF THE PROJECT, (FLAGGERS, CONES, ETC.), PER TXDOT DETAIL TCP (1-1)-18, INCLUDES INSTALLATION MAINTENANCE AND REMOVAL, COMPLETE IN PLACE | LS | 1 | \$11,000.00 | \$11,000.00 | \$7,500.00 | \$7,500.00 |
| SUBTOTAL MISCELLANEOUS ITEMS | | | | | \$25,316.25 | \$25,653.00 | |
| BID SUMMARY | | | | | | | |
| SUBTOTAL WATER ITEMS | | | | | \$367,564.00 | \$396,680.00 | |
| SUBTOTAL SANITARY SEWER ITEMS | | | | | \$360,171.50 | \$377,374.00 | |
| SUBTOTAL MISCELLANEOUS ITEMS | | | | | \$25,316.25 | \$25,653.00 | |
| TOTAL AMOUNT BID | | | | | \$753,051.75 | \$799,707.00 | |

LJA Engineering, Inc.