

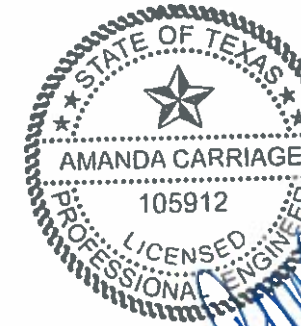
BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
TO SERVE SIENNA PLANTATION SECTION 25
SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 4
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
MAY 31, 2019
LJA ENGINEERING, INC.
C. DURHAM
MAY 31, 2019
1414-1525D (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT	TOTAL AMOUNT BID INCLUDING ALTERNATE
1) CROSTEX CONSTRUCTION, INC.	\$980,000.00	\$1,068,056.00
2) BLAZEY CONSTRUCTION SERVICES, LLC	\$1,033,868.26	\$1,140,774.26
3) S. THOMAS CONSTRUCTION, LLC	\$1,131,814.00	\$1,219,870.00
4) HARRIS CONSTRUCTION COMPANY, LTD.	\$1,132,260.30	\$1,232,316.30
5) SENDERO INDUSTRIES, LLC	\$1,198,781.65	\$1,286,837.65

CALENDAR DAYS - 40/50



Amanda Carriago
5/31/19

Amanda Carriago

I, Amanda Carriago, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) BLAZEY CONSTRUCTION SERVICES, LLC		3) S. THOMAS CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)									
1.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$13,000.00	\$13,000.00	\$12,818.00	\$12,818.00	\$12,818.00	\$12,818.00
2.	4" PVC WATER LINE, C-900, DR 14, CL 305, ALL DEPTHS, COMPLETE IN PLACE	LF	120	\$12.20	\$1,464.00	\$12.16	\$1,459.20	\$18.00	\$2,160.00
3.	6" PVC WATER LINE, C-900, DR 14, CL 305, ALL DEPTHS, COMPLETE IN PLACE	LF	330	\$14.80	\$4,884.00	\$15.19	\$5,012.70	\$22.50	\$7,425.00
4.	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	4,365	\$18.90	\$82,498.50	\$17.86	\$77,958.90	\$24.25	\$105,851.25
5.	6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$950.00	\$950.00	\$657.70	\$657.70	\$680.00	\$680.00
6.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	31	\$1,040.00	\$32,240.00	\$1,083.94	\$33,602.14	\$905.00	\$28,055.00
7.	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	8	\$1,980.00	\$15,840.00	\$2,060.03	\$16,480.24	\$1,950.00	\$15,600.00
8.	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	9	\$3,800.00	\$34,200.00	\$4,109.28	\$36,983.52	\$3,780.00	\$34,020.00
9.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	3.5	\$1,000.00	\$3,500.00	\$2,764.32	\$9,675.12	\$3,450.00	\$12,075.00
10.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,815	\$0.05	\$240.75	\$0.30	\$1,444.50	\$0.12	\$577.80
11.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$218.95	\$656.85	\$165.00	\$495.00
12.	8" PLUG & CLAMP, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$272.87	\$545.74	\$225.00	\$450.00
13.	2" BLOW OFF VALVE & BOX ASSEMBLY, COMPLETE IN PLACE	EA	5	\$400.00	\$2,000.00	\$404.46	\$2,022.30	\$425.00	\$2,125.00
14.	WET CONNECTION (ALL SIZES), INCLUDES TEE AND ALL APPURTENANCES NECESSARY TO CONNECT PROPOSED WATER LINE, COMPLETE IN PLACE	EA	4	\$1.00	\$4.00	\$1,354.42	\$5,417.68	\$550.00	\$2,200.00
15.	2" IRRIGATION SLEEVES, COMPLETE IN PLACE	LF	227	\$16.00	\$3,632.00	\$12.78	\$2,901.06	\$12.00	\$2,724.00
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)					\$194,953.25		\$207,635.65		\$227,256.05
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)									
1.	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	2080	\$24.45	\$50,856.00	\$28.86	\$60,028.80	\$28.50	\$59,280.00
2.	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	430	\$28.15	\$12,104.50	\$33.22	\$14,284.60	\$31.00	\$13,330.00
3.	12" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	558	\$40.00	\$22,320.00	\$41.25	\$23,017.50	\$37.50	\$20,925.00
4.	12" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 16' - 20' DEPTH, COMPLETE IN PLACE	LF	848	\$48.00	\$40,704.00	\$49.97	\$42,374.56	\$45.00	\$38,160.00
5.	STANDARD SANITARY SEWER MANHOLE, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	14	\$3,700.00	\$51,800.00	\$3,348.90	\$46,884.60	\$2,785.00	\$38,990.00
6.	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	19.57	\$370.00	\$7,240.90	\$167.18	\$3,271.71	\$210.00	\$4,109.70
7.	5' DIAMETER SANITARY SEWER MANHOLE, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	11	\$5,300.00	\$58,300.00	\$4,632.37	\$50,956.07	\$4,600.00	\$50,600.00
8.	EXTRA VERTICAL DEPTH OF 5' DIAMETER STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	73.59	\$530.00	\$39,002.70	\$275.03	\$20,239.46	\$410.00	\$30,171.90

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 TO SERVE SIENNA PLANTATION SECTION 25
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 4
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 MAY 31, 2019
 LJA ENGINEERING, INC.
 C. DURHAM
 MAY 31, 2019
 1414-1525D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) BLAZEY CONSTRUCTION SERVICES, LLC		3) S. THOMAS CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, DROP STRUCTURE, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	886	\$36.00	\$31,896.00	\$69.98	\$62,002.28	\$37.00	\$32,782.00
10.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, TRENCH SAFETY, DROP STRUCTURES, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	26	\$895.00	\$23,270.00	\$866.44	\$22,527.44	\$1,000.00	\$26,000.00
11.	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3,930	\$0.01	\$39.30	\$2.32	\$9,117.60	\$3.00	\$11,790.00
12.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,816	\$0.10	\$481.60	\$0.30	\$1,444.80	\$0.12	\$577.92
13.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	25	\$100.00	\$2,500.00	\$5.00	\$125.00	\$100.00	\$2,500.00
14.	12" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$188.75	\$188.75	\$250.00	\$250.00
15.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED SANITARY SEWER LINE, ALL SIZES, COMPLETE IN PLACE	EA	1	\$1,750.00	\$1,750.00	\$1,751.59	\$1,751.59	\$1,750.00	\$1,750.00
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)					\$342,365.00		\$358,214.76		\$331,216.52
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)									
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,496	\$53.75	\$80,410.00	\$49.77	\$74,455.92	\$54.45	\$81,457.20
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	619	\$70.60	\$43,701.40	\$62.31	\$38,569.89	\$69.45	\$42,989.55
3.	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	45	\$93.00	\$4,185.00	\$84.53	\$3,803.85	\$92.00	\$4,140.00
4.	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	8	\$144.00	\$1,152.00	\$130.25	\$1,042.00	\$200.00	\$1,600.00
5.	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	28	\$207.00	\$5,796.00	\$195.70	\$5,479.60	\$220.00	\$6,160.00
6.	60" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	333	\$245.00	\$81,585.00	\$225.86	\$75,211.38	\$240.00	\$79,920.00
7.	STAGE I - STANDARD 5' PRECAST INLET (H 2') ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	18	\$1,800.00	\$32,400.00	\$1,294.26	\$23,296.68	\$1,400.00	\$25,200.00
8.	STAGE II - STANDARD 5' PRECAST INLET (H 2'). (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	18	\$400.00	\$7,200.00	\$1,267.30	\$22,811.40	\$1,010.00	\$18,180.00
9.	STAGE I - STANDARD 15' CURB INLET, ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	3	\$3,000.00	\$9,000.00	\$2,604.70	\$7,814.10	\$2,055.00	\$6,165.00
10.	STAGE II - STANDARD 15' CURB INLET, (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	3	\$500.00	\$1,500.00	\$2,022.28	\$6,066.84	\$1,610.00	\$4,830.00
11.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	19	\$2,150.00	\$40,850.00	\$2,712.55	\$51,538.45	\$2,410.00	\$45,790.00
12.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$5,600.00	\$28,000.00	\$7,021.36	\$35,106.80	\$4,650.00	\$23,250.00

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 LJA ENGINEERING, INC.
 C. DURHAM
 MAY 31, 2019
 1414-1525D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) BLAZEY CONSTRUCTION SERVICES, LLC		3) S. THOMAS CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13.	JUNCTION BOX WITH TYPE "C" MANHOLE PER DETAIL, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,800.00	\$4,800.00	\$6,266.38	\$6,266.38	\$6,450.00	\$6,450.00
14.	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION OF WS&D AND CLEARING AND GRUBBING (PERCENTAGE OF WS&D AND CLEARING AND GRUBBING CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$10,625.90	\$10,625.90	\$9,125.00	\$9,125.00	\$8,000.00	\$8,000.00
15.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,529	\$0.05	\$126.45	\$0.30	\$758.70	\$0.12	\$303.48
16.	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED ON-SITE, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	7,600	\$1.50	\$11,400.00	\$1.35	\$10,260.00	\$2.75	\$20,900.00
17.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	25	\$50.00	\$1,250.00	\$5.00	\$125.00	\$100.00	\$2,500.00
18.	60" R.C.P. STORM SEWER OUTFALL STRUCTURE PER COMCE DETAIL, INCLUDES 2' CLAY LINER BELOW ALL SLOPE PAVING 4:1 S.E.T. AND STAINING OF SLOPE PAVING (COLOR TO BE DETERMINED BY THE DEVELOPER) 2' BELOW NORMAL WATER SURFACE PER DETAIL, INCLUDES 4" CONCRETE SLOPE PAVING, AND REDRESSING SIDESLOPE AFTER INSTALLATION, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$35,000.00	\$35,000.00	\$11,001.21	\$11,001.21	\$15,000.00	\$15,000.00
19.	OVERFLOW DRAINAGE SWALE, CHANNEL LOCK OR APPROVED EQUAL, 3:1 SIDE SLOPES, 3' BOTTOM WIDTH, INCLUDES EXCAVATION HAULING, GRADING AND HYDROMULCH SEEDING AS PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	270	\$20.00	\$5,400.00	\$111.09	\$29,994.30	\$95.00	\$25,650.00
20.	INSTALLATION AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, INCLUDES INSTALLATION AND REMOVAL (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
21.	REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$544.18	\$544.18	\$500.00	\$500.00
22.	REMOVE AND DISPOSE OF EXISTING 5' X 5' RCB, COMPLETE IN PLACE	LF	8	\$100.00	\$800.00	\$140.21	\$1,121.68	\$100.00	\$800.00
23.	4" CONCRETE SPLASH PAD WITH 2' TOE WALL AT FOLLOWING OF PROPOSED STORM SEWER, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$1,725.68	\$1,725.68	\$3,500.00	\$3,500.00
24.	REMOVAL OF CRUSHED STONE ACCESS ROAD AND BASE TO BE HAULED TO DESIGNATED STOCKPILE LOCATION WITHIN 1.5 MILES FROM PROJECT USING ON ROAD TRUCKS, COMPLETE IN PLACE	SY	2,800	\$2.00	\$5,600.00	\$2.16	\$6,048.00	\$7.50	\$21,000.00
25.	PROPOSED DRAINAGE SWALE 3:1 SIDE SLOPES WITH 2' BOTTOM WIDTH, INCLUDES HAULING, GRADING, HYDROMULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), SPOIL TO BE STOCKPILED ADJACENT TO THE SWALE AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	1,670	\$3.50	\$5,845.00	\$2.43	\$4,058.10	\$5.00	\$8,350.00
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)					\$420,726.75		\$427,725.14		\$454,135.23
CLEARING AND GRUBBING ITEMS									
1.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539	LA	1	\$9,000.00	\$9,000.00	\$8,800.00	\$8,800.00	\$8,800.00	\$8,800.00
2.	STRIPPING OF WS&D SHARE OF STREET RIGHT-OF-WAY, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	2.8	\$500.00	\$1,400.00	\$1,617.83	\$4,529.92	\$4,000.00	\$11,200.00

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			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3. STRIPPING OF PUBLIC UTILITY EASEMENTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.34	\$500.00	\$670.00	\$1,617.83	\$2,167.89	\$4,000.00	\$5,360.00
SUBTOTAL CLEARING AND GRUBBING ITEMS				\$11,070.00		\$15,497.82		\$25,380.00
CLEARING AND GRUBBING – PAVING ITEMS								
1. STRIPPING OF PAVING SHARE OF STREET RIGHT-OF-WAY, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	2.8	\$500.00	\$1,400.00	\$1,617.83	\$4,529.92	\$4,000.00	\$11,200.00
2. STRIPPING OF BACK OF LOT UTILITY EASEMENTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.38	\$500.00	\$690.00	\$1,617.83	\$2,232.61	\$4,000.00	\$5,520.00
SUBTOTAL CLEARING AND GRUBBING – PAVING ITEMS				\$2,090.00		\$6,762.53		\$16,720.00
CLEARING AND GRUBBING – DEVELOPER ITEMS								
1. STRIPPING OF RESERVES, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.48	\$500.00	\$740.00	\$1,617.83	\$2,394.39	\$4,000.00	\$5,920.00
2. STRIPPING OF LOTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	16.11	\$500.00	\$8,055.00	\$970.70	\$15,637.98	\$4,420.00	\$71,206.20
SUBTOTAL CLEARING AND GRUBBING – DEVELOPER ITEMS				\$8,795.00		\$18,032.37		\$77,126.20
MISCELLANEOUS ITEMS								
1. STANDARD DEDUCT FOR VARIANCE REQUESTS SUBMITTED BY THE ENGINEER ON BEHALF OF THE CONTRACTOR, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	0	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00
2. STANDARD DEDUCT FOR STREET CLEANING (AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	HR	0	(\$125.00)	\$0.00	(\$125.00)	\$0.00	(\$125.00)	\$0.00
3. STANDARD DEDUCT FOR DAMAGE TO WETLANDS FENCING BY THE CONTRACTOR, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	0	(\$10.00)	\$0.00	(\$10.00)	\$0.00	(\$10.00)	\$0.00
4. STANDARD DEDUCT FOR DAMAGE TO TREE MARKED FOR PRESERVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	0	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00
SUBTOTAL MISCELLANEOUS ITEMS				\$0.00		\$0.00		\$0.00
ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS								
1. BORE AND JACK OR AUGER (WET BORE) OF WATER LINE, ALL DEPTHS, ALL SIZES, EXCLUDES LINE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$40.00	\$4,000.00	\$20.00	\$2,000.00
2. BORE PITS FOR WATER LINE BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT, & FILLED WITH 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$500.00	\$1,000.00	\$100.00	\$200.00

* MATHEMATICAL ERROR

BID TABULATION FOR:

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TABULATION DATE:
LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE SIENNA PLANTATION SECTION 25
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 4
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 MAY 31, 2019
 LJA ENGINEERING, INC.
 C. DURHAM
 MAY 31, 2019
 1414-1525D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) BLAZEY CONSTRUCTION SERVICES, LLC		3) S. THOMAS CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3.	DEWATERING OF RIGHT OF WAY (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2,250	\$20.00	\$45,000.00	\$25.00	\$56,250.00	\$20.00	\$45,000.00
4.	BORE AND JACK OR AUGER (WET BORE) OF SANITARY SEWER, ALL DEPTHS, ALL SIZES, EXCLUDES LINE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$60.00	\$6,000.00	\$20.00	\$2,000.00
5.	BORE PITS FOR SANITARY SEWER BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT, AND FILLED WITH 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$500.00	\$1,000.00	\$100.00	\$200.00
6.	ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" SANITARY SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,836	\$12.00	\$22,032.00	\$12.00	\$22,032.00	\$12.00	\$22,032.00
7.	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
8.	ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" STORM SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	414	\$16.00	\$6,624.00	\$16.00	\$6,624.00	\$16.00	\$6,624.00
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS					\$88,056.00		\$106,906.00		\$88,056.00
BID SUMMARY									
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)					\$194,953.25		\$207,635.65		\$227,256.05
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)					\$342,365.00		\$358,214.76		\$331,216.52
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)					\$420,726.75		\$427,725.14		\$454,135.23
SUBTOTAL CLEARING AND GRUBBING ITEMS					\$11,070.00		\$15,497.82		\$25,360.00
SUBTOTAL CLEARING AND GRUBBING – PAVING ITEMS					\$2,090.00		\$6,762.53		\$16,720.00
SUBTOTAL CLEARING AND GRUBBING – DEVELOPER ITEMS					\$8,795.00		\$18,032.37		\$77,126.20
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00		\$0.00		\$0.00
TOTAL AMOUNT BID					\$980,000.00		\$1,033,868.26		\$1,131,814.00
ALTERNATE BID									
TOTAL AMOUNT BID					\$980,000.00		\$1,033,868.26		\$1,131,814.00
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS					\$88,056.00		\$106,906.00		\$88,056.00
TOTAL AMOUNT BID					\$1,068,056.00		\$1,140,774.26		\$1,219,870.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE SIENNA PLANTATION SECTION 25
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 4
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 MAY 31, 2019
 LJA ENGINEERING, INC.
 C. DURHAM
 MAY 31, 2019
 1414-1525D (9.2)

ITEM DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.		5) SENDERO INDUSTRIES, LLC	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)						
1. METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$12,818.00	\$12,818.00	\$12,818.00	\$12,818.00
2. 4" PVC WATER LINE, C-900, DR 14, CL 305, ALL DEPTHS, COMPLETE IN PLACE	LF	120	\$12.50	\$1,500.00	\$11.00	\$1,320.00
3. 6" PVC WATER LINE, C-900, DR 14, CL 305, ALL DEPTHS, COMPLETE IN PLACE	LF	330	\$14.95	\$4,933.50	\$14.00	\$4,620.00
4. 8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	4,365	\$16.90	\$73,768.50	\$17.00	\$74,205.00
5. 6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$1,050.00	\$1,050.00	\$730.00	\$730.00
6. 8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	31	\$1,225.00	\$37,975.00	\$1,115.00	\$34,565.00
7. 12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	8	\$2,275.00	\$18,200.00	\$2,030.00	\$16,240.00
8. FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	9	\$4,075.00	\$36,675.00	\$3,735.00	\$33,615.00
9. CAST IRON FITTINGS, COMPLETE IN PLACE	TON	3.5	\$3,250.00	\$11,375.00	\$2,335.00	\$8,172.50
10. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,815	\$0.50	\$2,407.50	\$0.01	\$48.15
11. 4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$125.00	\$375.00	\$115.00	\$345.00
12. 8" PLUG & CLAMP, COMPLETE IN PLACE	EA	2	\$150.00	\$300.00	\$155.00	\$310.00
13. 2" BLOW OFF VALVE & BOX ASSEMBLY, COMPLETE IN PLACE	EA	5	\$600.00	\$3,000.00	\$480.00	\$2,400.00
14. WET CONNECTION (ALL SIZES), INCLUDES TEE AND ALL APPURTENANCES NECESSARY TO CONNECT PROPOSED WATER LINE, COMPLETE IN PLACE	EA	4	\$3,375.00	\$13,500.00	\$360.00	\$1,440.00
15. 2" IRRIGATION SLEEVES, COMPLETE IN PLACE	LF	227	\$8.00	\$1,816.00	\$9.00	\$2,043.00
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)				\$219,683.50		\$192,871.65
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)						
1. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	2080	\$24.25	\$50,440.00	\$22.00	\$45,760.00
2. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	430	\$28.15	\$12,104.50	\$26.00	\$11,180.00
3. 12" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	558	\$39.65	\$22,124.70	\$36.00	\$20,088.00
4. 12" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 16' - 20' DEPTH, COMPLETE IN PLACE	LF	848	\$45.45	\$38,541.60	\$57.00	\$48,336.00
5. STANDARD SANITARY SEWER MANHOLE, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	14	\$3,825.00	\$53,550.00	\$3,525.00	\$49,350.00
6. EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	19.57	\$365.00	\$7,143.05	\$265.00	\$5,186.05
7. 5' DIAMETER SANITARY SEWER MANHOLE, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	11	\$6,235.00	\$68,585.00	\$5,270.00	\$57,970.00
8. EXTRA VERTICAL DEPTH OF 5' DIAMETER STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	73.59	\$475.00	\$34,955.25	\$350.00	\$25,756.50

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE SIENNA PLANTATION SECTION 25
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 4
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 MAY 31, 2019
 LJA ENGINEERING, INC.
 C. DURHAM
 MAY 31, 2019
 1414-1525D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.		5) SENDERO INDUSTRIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, DROP STRUCTURE, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	886	\$58.95	\$52,229.70	\$32.00	\$28,352.00
10.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, TRENCH SAFETY, DROP STRUCTURES, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	26	\$645.00	\$16,770.00	\$710.00	\$18,460.00
11.	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3,930	\$3.50	\$13,755.00	\$3.00	\$11,790.00
12.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,816	\$0.50	\$2,408.00	\$0.01	\$48.16
13.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	25	\$550.00	\$13,750.00	\$140.00	\$3,500.00
14.	12" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$120.00	\$120.00
15.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED SANITARY SEWER LINE, ALL SIZES, COMPLETE IN PLACE	EA	1	\$995.00	\$995.00	\$1,300.00	\$1,300.00
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)					\$387,501.80		\$327,196.71
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)							
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,496	\$58.00	\$86,768.00	\$59.00	\$88,264.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	619	\$74.00	\$45,806.00	\$77.00	\$47,663.00
3.	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	45	\$106.50	\$4,792.50	\$107.00	\$4,815.00
4.	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	8	\$162.00	\$1,296.00	\$156.00	\$1,248.00
5.	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	28	\$249.25	\$6,979.00	\$240.00	\$6,720.00
6.	60" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	333	\$278.00	\$92,574.00	\$270.00	\$89,910.00
7.	STAGE I - STANDARD 5' PRECAST INLET (14'-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	18	\$995.00	\$17,910.00	\$1,930.00	\$34,740.00
8.	STAGE II - STANDARD 5' PRECAST INLET (14'-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	18	\$1,100.00	\$19,800.00	\$670.00	\$12,060.00
9.	STAGE I - STANDARD 15' CURB INLET, ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	3	\$2,300.00	\$6,900.00	\$3,815.00	\$11,445.00
10.	STAGE II - STANDARD 15' CURB INLET, (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	3	\$2,425.00	\$7,275.00	\$670.00	\$2,010.00
11.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	19	\$3,150.00	\$59,850.00	\$2,500.00	\$47,500.00
12.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$8,045.00	\$40,225.00	\$6,525.00	\$32,625.00

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 TO SERVE SIENNA PLANTATION SECTION 25
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 4
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 MAY 31, 2019
 LJA ENGINEERING, INC.
 C. DURHAM
 MAY 31, 2019
 1414-1525D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.		5) SENDERO INDUSTRIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13.	JUNCTION BOX WITH TYPE "C" MANHOLE PER DETAIL, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$7,695.00	\$7,695.00	\$5,935.00	\$5,935.00
14.	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION OF WS&D AND CLEARING AND GRUBBING (PERCENTAGE OF WS&D AND CLEARING AND GRUBBING CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$12,250.00	\$12,250.00	\$16,350.00	\$16,350.00
15.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,529	\$0.50	\$1,264.50	\$0.01	\$25.29
16.	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED ON-SITE, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	7,600	\$2.50	\$19,000.00	\$3.00	\$22,800.00
17.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	25	\$200.00	\$5,000.00	\$140.00	\$3,500.00
18.	60" R.C.P. STORM SEWER OUTFALL STRUCTURE PER COMCE DETAIL, INCLUDES 2" CLAY LINER BELOW ALL SLOPE PAVING 4:1 S.E.T. AND STAINING OF SLOPE PAVING (COLOR TO BE DETERMINED BY THE DEVELOPER) 2" BELOW NORMAL WATER SURFACE PER DETAIL, INCLUDES 4" CONCRETE SLOPE PAVING, AND REDRESSING SIDESLOPE AFTER INSTALLATION, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$11,500.00	\$11,500.00	\$8,905.00	\$8,905.00
19.	OVERFLOW DRAINAGE SWALE, CHANNEL LOCK OR APPROVED EQUAL, 3:1 SIDE SLOPES, 3' BOTTOM WIDTH, INCLUDES EXCAVATION HAULING, GRADING AND HYDROMULCH SEEDING AS PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	270	\$21.00	\$5,670.00	\$70.00	\$18,900.00
20.	INSTALLATION AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, INCLUDES INSTALLATION AND REMOVAL (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$2,180.00	\$2,180.00
21.	REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	1	\$350.00	\$350.00	\$230.00	\$230.00
22.	REMOVE AND DISPOSE OF EXISTING 5' X 5' RCB, COMPLETE IN PLACE	LF	8	\$200.00	\$1,600.00	\$68.00	\$544.00
23.	4" CONCRETE SPLASH PAD WITH 2' TOE WALL AT FOLLOWING OF PROPOSED STORM SEWER, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,635.00	\$1,635.00
24.	REMOVAL OF CRUSHED STONE ACCESS ROAD AND BASE TO BE HAULED TO DESIGNATED STOCKPILE LOCATION WITHIN 1.5 MILES FROM PROJECT USING ON ROAD TRUCKS, COMPLETE IN PLACE	SY	2,800	\$8.75	\$24,500.00	\$5.00	\$14,000.00
25.	PROPOSED DRAINAGE SWALE 3:1 SIDE SLOPES WITH 2' BOTTOM WIDTH, INCLUDES HAULING, GRADING, HYDROMULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), SPOIL TO BE STOCKPILED ADJACENT TO THE SWALE AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	1,670	\$5.00	\$8,350.00	\$2.50	\$4,175.00
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)					\$490,355.00		\$478,179.29
CLEARING AND GRUBBING ITEMS							
1.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539	LA	1	\$8,800.00	\$8,800.00	\$8,800.00	\$8,800.00
2.	STRIPPING OF WS&D SHARE OF STREET RIGHT-OF-WAY, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	2.8	\$1,000.00	\$2,800.00	\$7,400.00	\$20,720.00

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 MAY 31, 2019
 LJA ENGINEERING, INC.
 C. DURHAM
 MAY 31, 2019
 1414-1525D (9.2)

ITEM DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.		5) SENDERO INDUSTRIES, LLC	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3. STRIPPING OF PUBLIC UTILITY EASEMENTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.34	\$1,000.00	\$1,340.00	\$7,400.00	\$9,916.00
SUBTOTAL CLEARING AND GRUBBING ITEMS				\$12,940.00		\$39,436.00 *
CLEARING AND GRUBBING – PAVING ITEMS						
1. STRIPPING OF PAVING SHARE OF STREET RIGHT-OF-WAY, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	2.8	\$1,000.00	\$2,800.00	\$7,400.00	\$20,720.00
2. STRIPPING OF BACK OF LOT UTILITY EASEMENTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.38	\$1,000.00	\$1,380.00	\$7,400.00	\$10,212.00
SUBTOTAL CLEARING AND GRUBBING – PAVING ITEMS				\$4,180.00		\$30,932.00
CLEARING AND GRUBBING – DEVELOPER ITEMS						
1. STRIPPING OF RESERVES, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.48	\$1,000.00	\$1,480.00	\$7,400.00	\$10,952.00
2. STRIPPING OF LOTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	16.11	\$1,000.00	\$16,110.00	\$7,400.00	\$119,214.00
SUBTOTAL CLEARING AND GRUBBING – DEVELOPER ITEMS				\$17,590.00		\$130,166.00
MISCELLANEOUS ITEMS						
1. STANDARD DEDUCT FOR VARIANCE REQUESTS SUBMITTED BY THE ENGINEER ON BEHALF OF THE CONTRACTOR, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	0	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00 *
2. STANDARD DEDUCT FOR STREET CLEANING (AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	HR	0	(\$125.00)	\$0.00	(\$125.00)	\$0.00 *
3. STANDARD DEDUCT FOR DAMAGE TO WETLANDS FENCING BY THE CONTRACTOR, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	0	(\$10.00)	\$0.00	(\$10.00)	\$0.00 *
4. STANDARD DEDUCT FOR DAMAGE TO TREE MARKED FOR PRESERVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	0	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00 *
SUBTOTAL MISCELLANEOUS ITEMS				\$0.00		\$0.00
ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS						
1. BORE AND JACK OR AUGER (WET BORE) OF WATER LINE, ALL DEPTHS, ALL SIZES, EXCLUDES LINE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$60.00	\$6,000.00	\$20.00	\$2,000.00
2. BORE PITS FOR WATER LINE BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT, & FILLED WITH 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$100.00	\$200.00

* MATHEMATICAL ERROR

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE SIENNA PLANTATION SECTION 25
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 4
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 MAY 31, 2019
 LJA ENGINEERING, INC.
 C. DURHAM
 MAY 31, 2019
 1414-1525D (9.2)

ITEM DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.		5) SENDERO INDUSTRIES, LLC	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3. DEWATERING OF RIGHT OF WAY (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2,250	\$20.00	\$45,000.00	\$20.00	\$45,000.00
4. BORE AND JACK OR AUGER (WET BORE) OF SANITARY SEWER, ALL DEPTHS, ALL SIZES, EXCLUDES LINE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$100.00	\$10,000.00	\$20.00	\$2,000.00
5. BORE PITS FOR SANITARY SEWER BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT, AND FILLED WITH 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$100.00	\$200.00
6. ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" SANITARY SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,836	\$12.00	\$22,032.00	\$12.00	\$22,032.00
7. CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00
8. ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" STORM SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	414	\$16.00	\$6,624.00	\$16.00	\$6,624.00
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS				\$100,056.00		\$88,056.00
BID SUMMARY						
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)				\$219,693.50		\$192,871.65
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)				\$387,501.80		\$327,196.71
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 4)				\$490,355.00		\$478,179.29
SUBTOTAL CLEARING AND GRUBBING ITEMS				\$12,940.00		\$39,436.00
SUBTOTAL CLEARING AND GRUBBING – PAVING ITEMS				\$4,180.00		\$30,932.00
SUBTOTAL CLEARING AND GRUBBING – DEVELOPER ITEMS				\$17,590.00		\$130,166.00
SUBTOTAL MISCELLANEOUS ITEMS				\$0.00		\$0.00
TOTAL AMOUNT BID				\$1,132,260.30		\$1,198,781.65
ALTERNATE BID						
TOTAL AMOUNT BID				\$1,132,260.30		\$1,198,781.65
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS				\$100,056.00		\$88,056.00
TOTAL AMOUNT BID				\$1,232,316.30		\$1,286,837.65