

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
TO SERVE SIENNA PLANTATION SECTION 15B
SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 4
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
JANUARY 22, 2019
LJA ENGINEERING, INC.
B. ALVAREZ
JANUARY 22, 2019
JOB NUMBER 1414-1515BD (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT	TOTAL AMOUNT BID INCLUDING ALTERNATE BID
1) HURTADO CONSTRUCTION COMPANY	\$387,523.77 *	\$439,375.77 *
2) CROSTEX CONSTRUCTION, INC.	\$420,000.00	\$471,852.00
3) BLAZEY CONSTRUCTION SERVICES, LLC	\$433,223.78	\$492,551.78
4) HARRIS CONSTRUCTION COMPANY, LTD.	\$532,852.50	\$612,494.50

CALENDAR DAYS - 40/50



Scott Frankovich
1/30/2019

for *Scott Frankovich*

I, Noe Escobar, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) CROSTEX CONSTRUCTION, INC.		3) BLAZEY CONSTRUCTION SERVICES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS - SIENNA PLANTATION M.U.D. NO. 4									
1.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$6,578.00	\$6,578.00	\$8,250.00	\$8,250.00	\$6,578.00	\$6,578.00
2.	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1,766	\$18.88	\$33,342.08	\$17.75	\$31,346.50	\$19.80	\$34,966.80
3.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$888.00	\$5,328.00	\$1,130.00	\$6,780.00	\$1,086.00	\$6,516.00
4.	REMOVAL OF EXISTING 8" PLUG & CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$288.00	\$576.00	\$100.00	\$200.00	\$850.00	\$1,700.00
5.	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, AND FLUSHING VALVE & TRENCH SAFETY, COMPLETE IN PLACE	EA	5	\$3,988.00	\$19,940.00	\$4,900.00	\$24,500.00	\$3,578.00	\$17,890.00
6.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1	\$2,888.00	\$2,888.00	\$2,000.00	\$2,000.00	\$2,967.00	\$2,967.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,766	\$0.18	\$317.88	\$0.05	\$88.30	\$0.30	\$529.80
8.	2" PVC SCHEDULE 40 SLEEVES, COMPLETE IN PLACE	LF	150	\$0.88	\$132.00	\$16.00	\$2,400.00	\$17.00	\$2,550.00
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS - SIENNA PLANTATION M.U.D. NO. 4					\$69,101.96		\$75,564.80		\$73,697.60
SANITARY SEWER SYSTEM ITEMS - SIENNA PLANTATION M.U.D. NO. 4									
1.	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, COMPLETE IN PLACE.	LF	1,344	\$32.88	\$44,190.72	\$23.50	\$31,584.00	\$28.00	\$37,632.00
2.	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	214	\$33.88	\$7,250.32	\$26.50	\$5,671.00	\$37.00	\$7,918.00
3.	STANDARD SANITARY SEWER MANHOLE, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	10	\$3,888.00	\$38,880.00	\$3,850.00	\$38,500.00	\$3,800.00	\$38,000.00
4.	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	13.19	\$274.88	\$3,625.67	\$385.00	\$5,078.15	\$290.00	\$3,825.10
5.	5' DIAMETER SANITARY SEWER MANHOLE, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	2	\$4,988.00	\$9,976.00	\$5,800.00	\$11,600.00	\$4,616.00	\$9,232.00
6.	EXTRA VERTICAL DEPTH OF 5' SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	10.1	\$388.00	\$3,918.80	\$580.00	\$5,858.00	\$465.00	\$4,696.50
7.	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	499	\$56.88	\$28,383.12	\$36.00	\$17,964.00	\$62.00	\$30,938.00
8.	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	18	\$458.00	\$8,244.00	\$995.00	\$17,910.00	\$635.00	\$11,430.00
9.	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,558	\$0.01	\$15.58	\$0.01	\$15.58	\$2.05	\$3,193.90
10.	REMOVE EXISTING 8" SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$8.88	\$8.88	\$150.00	\$150.00	\$1,140.00	\$1,140.00
11.	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2,001	\$0.18	\$360.18	\$0.10	\$200.10	\$0.30	\$600.30
12.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	12	\$8.88	\$106.56	\$100.00	\$1,200.00	\$85.00	\$1,020.00

*Mathematical Error

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE SIENNA PLANTATION SECTION 15B
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 4
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 JANUARY 22, 2019
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 22, 2019
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LJA JOB NO.

ITEM DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) CROSTEX CONSTRUCTION, INC.		3) BLAZEY CONSTRUCTION SERVICES, LLC	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SUBTOTAL SANITARY SEWER ITEMS - SIENNA PLANTATION M.U.D. NO. 4				\$144,959.83		\$135,730.83		\$149,625.80
DRAINAGE FACILITIES ITEMS - SIENNA PLANTATION M.U.D. NO. 4								
1. 24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,188	\$56.88	\$67,573.44	\$58.75	\$69,795.00	\$58.00	\$68,904.00
2. 30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	279	\$75.88	\$21,170.52	\$75.25	\$20,994.75	\$71.00	\$19,809.00
3. 36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	180	\$91.88	\$16,538.40	\$102.25	\$18,405.00	\$95.00	\$17,100.00
4. STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	12	\$828.00	\$9,936.00	\$1,800.00	\$21,600.00	\$1,195.00	\$14,340.00
5. STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	12	\$1,248.00	\$14,976.00	\$500.00	\$6,000.00	\$1,100.00	\$13,200.00
6. TYPE "E" INLET OPEN 4 SIDES, ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE, COMPLETE IN PLACE	EA	1	\$2,888.00	\$2,888.00	\$2,750.00	\$2,750.00	\$2,750.00	\$2,750.00
7. TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$1,738.00	\$26,070.00	\$2,300.00	\$34,500.00	\$2,260.00	\$33,900.00
8. CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION OF WS&D (PERCENTAGE OF WS&D CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$3,830.00	\$3,830.00	\$6,536.27	\$6,536.27	\$5,000.00	\$5,000.00
9. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,647	\$0.38	\$625.86	\$0.05	\$82.35	\$0.30	\$494.10
10. WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED FOR ONSITE FILL, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	2,428	\$0.88	\$2,136.64	\$2.25	\$5,463.00	\$1.80	\$4,370.40
11. FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	15	\$8.88	\$133.20	\$100.00	\$1,500.00	\$80.00	\$1,200.00
12. 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	\$2,215.00	\$2,215.00
13. REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$88.00	\$176.00	\$150.00	\$300.00	\$415.00	\$830.00
14. SWALE, AS SHOWN ON GRADING PLAN LAYOUT, SHEET 13, COMPLETE IN PLACE	LF	1,766	\$1.88	\$3,320.08	\$3.00	\$5,298.00	\$1.80	\$3,178.80
SUBTOTAL DRAINAGE FACILITIES ITEMS - SIENNA PLANTATION M.U.D. NO. 4				\$170,874.14		\$194,724.37		\$187,291.30
CLEARING AND GRUBBING ITEMS - (SIENNA PLANTATION M.U.D. NO. 4)								
1. METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
2. STRIPPING OF WS&D SHARE OF STREET RIGHT-OF-WAY, INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.12	\$8.00	\$8.96	\$1,000.00	\$1,120.00	\$2,250.00	\$2,520.00
3. STRIPPING OF PUBLIC UTILITY EASEMENTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.43	\$8.00	\$3.44	\$1,000.00	\$430.00	\$3,321.00	\$1,428.03
SUBTOTAL CLEARING AND GRUBBING ITEMS - (SIENNA PLANTATION M.U.D. NO. 4)				\$2,512.40		\$4,550.00		\$6,448.03

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 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 JANUARY 22, 2019
 LJA ENGINEERING, INC.
 B. ALVAREZ
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ITEM DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) CROSTEX CONSTRUCTION, INC.		3) BLAZEY CONSTRUCTION SERVICES, LLC		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
CLEARING AND GRUBBING ITEMS - PAVING ITEMS (SIENNA PLANTATION M.U.D. NO. 4)									
1. STRIPPING OF PAVING SHARE OF STREET RIGHT-OF-WAY. INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.13	\$8.00	\$9.04	\$1,000.00	\$1,130.00	\$1,785.00	\$2,017.05	
2. STRIPPING OF BACKLOT UTILITY EASEMENTS. INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.8	\$8.00	\$6.40	\$1,000.00	\$800.00	\$2,680.00	\$2,144.00	
3. STRIPPING OF LOTS INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	7.5	\$8.00	\$60.00	\$1,000.00	\$7,500.00	\$1,600.00	\$12,000.00	
SUBTOTAL CLEARING AND GRUBBING ITEMS - PAVING ITEMS (SIENNA PLANTATION M.U.D. NO. 4)				\$75.44		\$9,430.00		\$16,161.05	
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 OR ENGINEER), 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	\$20.00	\$2,000.00	\$35.00	\$3,500.00	
2. BORE PITS FOR WATER LINE BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT AND FILLING BORE PIT @ COMPLETION, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$100.00	\$200.00	\$100.00	\$200.00	
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	1,238	\$20.00	\$24,760.00	\$20.00	\$24,760.00	\$22.00	\$27,236.00	
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	\$20.00	\$2,000.00	\$40.00	\$4,000.00	
5. BORE PITS FOR SANITARY SEWER BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$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	779	\$12.00	\$9,348.00	\$12.00	\$9,348.00	\$12.00	\$9,348.00	
7. CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$12.00	\$6,000.00	\$12.00	\$6,000.00	\$15.00	\$7,500.00	

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			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	459	\$16.00	\$7,344.00	\$16.00	\$7,344.00	\$16.00	\$7,344.00
SUBTOTAL ALTERNATE BID NO. 1 - WS&D FIELD CONDITIONS ITEMS				\$51,852.00		\$51,852.00		\$59,328.00
BID SUMMARY								
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS - SIENNA PLANTATION M.U.D. NO. 4				\$69,101.96		\$75,564.80		\$73,697.60
SUBTOTAL SANITARY SEWER ITEMS - SIENNA PLANTATION M.U.D. NO. 4				\$144,959.83		\$135,730.83		\$149,625.80
SUBTOTAL DRAINAGE FACILITIES ITEMS - SIENNA PLANTATION M.U.D. NO. 4				\$170,874.14		\$194,724.37		\$187,291.30
SUBTOTAL CLEARING AND GRUBBING ITEMS - (SIENNA PLANTATION M.U.D. NO. 4)				\$2,512.40		\$4,550.00		\$6,448.03
SUBTOTAL CLEARING AND GRUBBING ITEMS - PAVING ITEMS (SIENNA PLANTATION M.U.D. NO. 4)				\$75.44		\$9,430.00		\$16,161.05
SUBTOTAL MISCELLANEOUS ITEMS				\$0.00		\$0.00		\$0.00
TOTAL AMOUNT BID				\$387,523.77		\$420,000.00		\$433,223.78
SUBTOTAL ALTERNATE BID NO. 1 - WS&D FIELD CONDITIONS ITEMS				\$51,852.00		\$51,852.00		\$59,328.00
TOTAL AMOUNT BID INCLUDING ALTERNATE BID NO. 1				\$439,375.77		\$471,852.00		\$492,551.78

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS - SIENNA PLANTATION M.U.D. NO. 4					
1.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$6,578.00	\$6,578.00
2.	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1,766	\$25.00	\$44,150.00
3.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$1,175.00	\$7,050.00
4.	REMOVAL OF EXISTING 8" PLUG & CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$400.00	\$800.00
5.	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, AND FLUSHING VALVE & TRENCH SAFETY, COMPLETE IN PLACE	EA	5	\$4,835.00	\$24,175.00
6.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1	\$3,800.00	\$3,800.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,766	\$0.50	\$883.00
8.	2" PVC SCHEDULE 40 SLEEVES, COMPLETE IN PLACE	LF	150	\$7.00	\$1,050.00
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS - SIENNA PLANTATION M.U.D. NO. 4					\$88,486.00
SANITARY SEWER SYSTEM ITEMS - SIENNA PLANTATION M.U.D. NO. 4					
1.	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, COMPLETE IN PLACE.	LF	1,344	\$32.00	\$43,008.00
2.	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	214	\$40.00	\$8,560.00
3.	STANDARD SANITARY SEWER MANHOLE, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	10	\$5,100.00	\$51,000.00
4.	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	13.19	\$525.00	\$6,924.75
5.	5' DIAMETER SANITARY SEWER MANHOLE, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	2	\$6,950.00	\$13,900.00
6.	EXTRA VERTICAL DEPTH OF 5' SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	10.1	\$645.00	\$6,514.50
7.	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	499	\$55.75	\$27,819.25
8.	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	18	\$425.00	\$7,650.00
9.	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,558	\$3.00	\$4,674.00
10.	REMOVE EXISTING 8" SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00
11.	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2,001	\$0.50	\$1,000.50
12.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	12	\$650.00	\$7,800.00

*Mathematical Error

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE SIENNA PLANTATION SECTION 15B
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 4
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 JANUARY 22, 2019
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 22, 2019
 JOB NUMBER 1414-1515BD (9.2)
 4) HARRIS CONSTRUCTION COMPANY, LTD.

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

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
SUBTOTAL SANITARY SEWER ITEMS - SIENNA PLANTATION M.U.D. NO. 4				\$179,051.00
DRAINAGE FACILITIES ITEMS - SIENNA PLANTATION M.U.D. NO. 4				
1. 24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,188	\$72.00	\$85,536.00
2. 30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	279	\$96.00	\$26,784.00
3. 36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	180	\$140.00	\$25,200.00
4. STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	12	\$975.00	\$11,700.00
5. STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	12	\$1,125.00	\$13,500.00
6. TYPE "E" INLET OPEN 4 SIDES, ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00
7. TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$3,750.00	\$56,250.00
8. CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION OF WS&D (PERCENTAGE OF WS&D CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$8,200.00	\$8,200.00
9. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,647	\$0.50	\$823.50
10. WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED FOR ONSITE FILL, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	2,428	\$2.50	\$6,070.00
11. FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	15	\$150.00	\$2,250.00
12. 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
13. REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00
14. SWALE, AS SHOWN ON GRADING PLAN LAYOUT, SHEET 13, COMPLETE IN PLACE	LF	1,766	\$2.00	\$3,532.00
SUBTOTAL DRAINAGE FACILITIES ITEMS - SIENNA PLANTATION M.U.D. NO. 4				\$246,345.50
CLEARING AND GRUBBING ITEMS - (SIENNA PLANTATION M.U.D. NO. 4)				
1. METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00
2. STRIPPING OF WS&D SHARE OF STREET RIGHT-OF-WAY. INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.12	\$1,500.00	\$1,680.00
3. STRIPPING OF PUBLIC UTILITY EASEMENTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.43	\$1,500.00	\$645.00
SUBTOTAL CLEARING AND GRUBBING ITEMS - (SIENNA PLANTATION M.U.D. NO. 4)				\$4,825.00

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 TO SERVE SIENNA PLANTATION SECTION 15B
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 4
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 JANUARY 22, 2019
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 22, 2019
 JOB NUMBER 1414-1515BD (9.2)
 4) HARRIS CONSTRUCTION COMPANY, LTD.

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
CLEARING AND GRUBBING ITEMS - PAVING ITEMS (SIENNA PLANTATION M.U.D. NO. 4)					
1.	STRIPPING OF PAVING SHARE OF STREET RIGHT-OF-WAY. INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.13	\$1,500.00	\$1,695.00
2.	STRIPPING OF BACKLOT UTILITY EASEMENTS. INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.8	\$1,500.00	\$1,200.00
3.	STRIPPING OF LOTS INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	7.5	\$1,500.00	\$11,250.00
SUBTOTAL CLEARING AND GRUBBING ITEMS - PAVING ITEMS (SIENNA PLANTATION M.U.D. NO. 4)					\$14,145.00
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
2.	STANDARD DEDUCT FOR STREET CLEANING (AS DIRECTED BY THE OWNER OR ENGINEER), COMPLETE IN PLACE	HR	0	(\$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
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
SUBTOTAL MISCELLANEOUS ITEMS					\$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
2.	BORE PITS FOR WATER LINE BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT AND FILLING BORE PIT @ COMPLETION, COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00
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	1,238	\$25.00	\$30,950.00
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	\$60.00	\$6,000.00
5.	BORE PITS FOR SANITARY SEWER BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT, COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00
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	779	\$12.00	\$9,348.00
7.	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$40.00	\$20,000.00

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TO SERVE SIENNA PLANTATION SECTION 15B
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CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
JANUARY 22, 2019
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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
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	459	\$16.00	\$7,344.00

SUBTOTAL ALTERNATE BID NO. 1 - WS&D FIELD CONDITIONS ITEMS **\$79,642.00**

BID SUMMARY

SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS - SIENNA PLANTATION M.U.D. NO. 4	\$88,486.00
SUBTOTAL SANITARY SEWER ITEMS - SIENNA PLANTATION M.U.D. NO. 4	\$179,051.00
SUBTOTAL DRAINAGE FACILITIES ITEMS - SIENNA PLANTATION M.U.D. NO. 4	\$246,345.50
SUBTOTAL CLEARING AND GRUBBING ITEMS - (SIENNA PLANTATION M.U.D. NO. 4)	\$4,825.00
SUBTOTAL CLEARING AND GRUBBING ITEMS - PAVING ITEMS (SIENNA PLANTATION M.U.D. NO. 4)	\$14,145.00
SUBTOTAL MISCELLANEOUS ITEMS	\$0.00
TOTAL AMOUNT BID	\$532,852.50
SUBTOTAL ALTERNATE BID NO. 1 - WS&D FIELD CONDITIONS ITEMS	\$79,642.00
TOTAL AMOUNT BID INCLUDING ALTERNATE BID NO. 1	\$612,494.50