

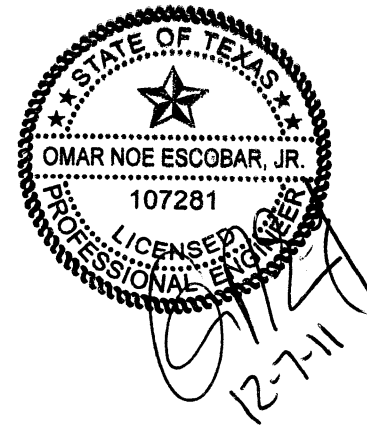
BID TABULATION FOR:

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 VILLAGE OF ANDERSON SPRINGS SECTION 26B  
SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 10  
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
DECEMBER 6, 2011  
LJA ENGINEERING, INC.  
S. ROSS  
DECEMBER 6, 2011  
1470-1126B (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID BASE BID	TOTAL AMOUNT BID ALTERNATE BID	TOTAL AMOUNT BASE BID + ALTERNATE
1) HURTADO CONSTRUCTION COMPANY	\$694,578.50	\$291,413.35	\$985,991.85
2) HARRIS CONSTRUCTION COMPANY, LTD.	\$709,160.20	\$1,525,333.80 *	\$2,234,494.00 *
3) MONARCH CIVIL CONSTRUCTORS, LLC	\$743,694.74	\$329,405.43	\$1,073,100.17
4) CROSTEX CONSTRUCTION, INC.	\$798,580.95	\$333,776.80	\$1,132,357.75
5) C.E. BARKER, LTD.	\$852,690.92	\$430,372.00	\$1,283,062.92

CALENDAR DAYS - 30/40



*[Handwritten Signature]*

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) HARRIS CONSTRUCTION COMPANY, LTD.		3) MONARCH CIVIL CONSTRUCTORS, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>BASE BID - WATER, SANITARY SEWER AND DRAINAGE FACILITIES</b>									
<b>WATER DISTRIBUTION SYSTEM ITEMS - (SIENNA PLANTATION M.U.D. 10)</b>									
1.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 713.995.1306, COMPLETE IN PLACE	LS	1	\$5,462.00	\$5,462.00	\$5,462.00	\$5,462.00	\$5,462.00	\$5,462.00
2.	4" PVC WATER LINE, C-900, DR 14, CL 200, ALL DEPTHS, COMPLETE IN PLACE	LF	75	\$14.70	\$1,102.50	\$10.80	\$810.00	\$8.36	\$627.00
3.	6" PVC WATER LINE, C-900, DR 14, CL 200, ALL DEPTHS, COMPLETE IN PLACE	LF	287	\$15.50	\$4,448.50	\$13.50	\$3,874.50	\$10.79	\$3,096.73
4.	8" PVC WATER LINE, C-900, DR 18, CL 150, ALL DEPTHS, COMPLETE IN PLACE	LF	926	\$19.40	\$17,964.40	\$16.00	\$14,816.00	\$12.61	\$11,676.86
5.	12" PVC WATER LINE, C-900, DR18, CL150, ALL DEPTHS, COMPLETE IN PLACE	LF	607	\$30.00	\$18,210.00	\$24.75	\$15,023.25	\$20.50	\$12,443.50
6.	2" SCHEDULE 40 PVC SLEEVES WITH CAPS, INCLUDES CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	160	\$12.90	\$2,064.00	\$12.00	\$1,920.00	\$18.77	\$3,003.20
7.	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,750.00	\$1,750.00	\$1,728.40	\$1,728.40
8.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	5	\$760.00	\$3,800.00	\$925.00	\$4,625.00	\$916.40	\$4,582.00
9.	REMOVE & DISPOSE EXISTING 2" BLOW-OFF VALVE & BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$100.00	\$100.00	\$46.40	\$46.40
10.	REMOVE AND DISPOSE EXISTING 12" PLUG & CLAMP, ALL DEPTHS, AND CONNECT PROPOSED 12" WATER LINE, COMPLETE IN PLACE	EA	1	\$400.00	\$400.00	\$100.00	\$100.00	\$646.41	\$646.41
11.	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, AND FLUSHING VALVE, COMPLETE IN PLACE	EA	4	\$3,200.00	\$12,800.00	\$2,975.00	\$11,900.00	\$3,224.13	\$12,896.52
12.	FLUSHING VALVE, ALL DEPTHS, INCLUDES 6" GATE VALVE AND BOX, LEAD, AND FLUSHING VALVE, (NO TEE), COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$2,750.00	\$2,750.00	\$2,985.26	\$2,985.26
13.	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	3	\$530.00	\$1,590.00	\$400.00	\$1,200.00	\$551.00	\$1,653.00
14.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$8.00	\$16.00	\$100.00	\$200.00	\$171.38	\$342.76
15.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$4.00	\$4.00	\$50.00	\$50.00	\$130.60	\$130.60
16.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1.50	\$2,200.00	\$3,300.00	\$2,500.00	\$3,750.00	\$5,104.00	\$7,656.00
17.	BORE AND JACK OR AUGER OF 12", 8", 6" OR 4" WATERLINE, (DOES NOT INCLUDE WATERLINE), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$37.00	\$3,700.00	\$20.00	\$2,000.00	\$38.65	\$3,865.00
18.	TRENCH SAFETY SYSTEM, ALL DEPTHS COMPLETE IN PLACE	LF	1,895	\$0.10	\$189.50	\$0.50	\$947.50	\$0.46	\$871.70
<b>SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS - (SIENNA PLANTATION M.U.D. 10)</b>					<b>\$79,750.90</b>		<b>\$71,278.25</b>		<b>\$73,713.34</b>
<b>SANITARY SEWER SYSTEM ITEMS (SIENNA PLANTATION M.U.D. 10)</b>									
1.	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	989	\$24.00	\$23,736.00	\$23.50	\$23,241.50	\$24.14	\$23,874.46
2.	10" AWWA C900, DR 18, CL 150, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	552	\$30.50	\$16,836.00	\$31.50	\$17,388.00	\$33.05	\$18,243.60
3.	12" AWWA C900, DR 18, CL 150, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	46	\$34.00	\$1,564.00	\$37.00	\$1,702.00	\$37.54	\$1,726.84
4.	STANDARD SANITARY SEWER MANHOLE, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	14	\$2,775.00	\$38,850.00	\$2,825.00	\$39,550.00	\$2,053.20	\$28,744.80
5.	EXTRA VERTICAL DEPTH OF SANITARY SEWER MANHOLES (OVER 8' DEPTH), COMPLETE IN PLACE	VF	45.37	\$110.00	\$4,990.70	\$235.00	\$10,661.95	\$156.60	\$7,104.94
6.	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG, MARKER, DROP STRUCTURES, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	729	\$27.00	\$19,683.00	\$37.00	\$26,973.00	\$31.39	\$22,883.31
7.	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG, MARKER, TRENCH SAFETY, DROP STRUCTURES, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	7	\$525.00	\$3,675.00	\$37.00	\$259.00	\$601.14	\$4,207.98
8.	DEWATERING (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,090	\$20.00	\$21,800.00	\$20.00	\$21,800.00	\$20.00	\$21,800.00

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 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) HARRIS CONSTRUCTION COMPANY, LTD.		3) MONARCH CIVIL CONSTRUCTORS, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	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	\$31.00	\$3,100.00	\$20.00	\$2,000.00	\$38.65	\$3,865.00
10.	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	\$250.00	\$500.00	\$609.00	\$1,218.00
11.	ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" SANITARY SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,090	\$12.00	\$13,080.00	\$12.00	\$13,080.00	\$12.00	\$13,080.00
12.	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	200	\$12.00	\$2,400.00	\$12.00	\$2,400.00	\$12.00	\$2,400.00
13.	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,587	\$1.00	\$1,587.00	\$3.00	\$4,761.00	\$3.48	\$5,522.76
14.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$8.00	\$8.00	\$60.00	\$60.00	\$88.46	\$88.46
15.	REMOVE AND DISPOSE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$100.00	\$100.00	\$429.20	\$429.20
16.	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	1,587	\$0.10	\$158.70	\$0.50	\$793.50	\$0.46	\$730.02
<b>SUBTOTAL SANITARY SEWER SYSTEM ITEMS (SIENNA PLANTATION M.U.D. 10)</b>					<b>\$153,668.40</b>		<b>\$165,269.95</b>		<b>\$155,919.37</b>
<b>DRAINAGE FACILITIES ITEMS (SIENNA PLANTATION M.U.D. 10)</b>									
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	884	\$38.00	\$33,592.00	\$37.50	\$33,150.00	\$40.60	\$35,890.40
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	41	\$42.00	\$1,722.00	\$52.00	\$2,132.00	\$47.63	\$1,952.83
3.	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	45	\$60.00	\$2,700.00	\$64.00	\$2,880.00	\$62.85	\$2,828.25
4.	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	35	\$70.00	\$2,450.00	\$74.50	\$2,607.50	\$74.99	\$2,624.65
5.	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	8	\$88.00	\$704.00	\$85.50	\$684.00	\$90.07	\$720.56
6.	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	380	\$115.00	\$43,700.00	\$120.00	\$45,600.00	\$128.15	\$48,697.00
7.	60" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	757	\$126.00	\$95,382.00	\$131.50	\$99,545.50	\$143.76	\$108,826.32
8.	6' X 4' BOX CULVERT, C-1433, ALL DEPTHS, COMPLETE IN PLACE	LF	486	\$190.00	\$92,340.00	\$163.00	\$79,218.00	\$205.55	\$99,897.30
9.	4:1 SAFETY END TREATMENT FOR 6' X 4' BOX CULVERT, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$5,674.89	\$5,674.89
10.	8" PVC SCHEDULE 40 DRAIN PIPE, 2' MINIMUM COVER, COMPLETE IN PLACE	LF	190	\$20.60	\$3,914.00	\$25.00	\$4,750.00	\$24.44	\$4,643.60
11.	12" CATCH BASIN WITH GRATE TOP, COMPLETE IN PLACE	EA	5	\$500.00	\$2,500.00	\$350.00	\$1,750.00	\$388.60	\$1,943.00
12.	4" CONCRETE SLOPE PAVEMENT WITH 2' TOE WALL ON ALL SIDES, IN ACCORDANCE WITH CITY OF MISSOURI CITY STANDARD CRITERIA, COMPLETE IN PLACE	SY	150	\$55.00	\$8,250.00	\$49.95	\$7,492.50	\$52.78	\$7,917.00
13.	BRICK PLUG FOR 30" STORM SEWER, COMPLETE IN PLACE	EA	1	\$30.00	\$30.00	\$250.00	\$250.00	\$191.40	\$191.40
14.	BRICK PLUG FOR 24" STORM SEWER, COMPLETE IN PLACE	EA	1	\$24.00	\$24.00	\$200.00	\$200.00	\$162.40	\$162.40
15.	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	9	\$580.00	\$5,220.00	\$550.00	\$4,950.00	\$860.72	\$7,746.48
16.	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	9	\$950.00	\$8,550.00	\$1,105.00	\$9,945.00	\$919.88	\$8,278.92
17.	STAGE I - 10' PRECAST CURB INLET, ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	5	\$950.00	\$4,750.00	\$1,750.00	\$8,750.00	\$1,026.60	\$5,133.00
18.	STAGE II - 10' PRECAST CURB INLET, (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	5	\$1,490.00	\$7,450.00	\$2,075.00	\$10,375.00	\$1,467.40	\$7,337.00
19.	EARTHEN COFFER DAM AS NECESSARY TO CONSTRUCT 6' X 4' OUTFALL AND 4" CONCRETE SLOPE PAVEMENT, INCLUDES DEWATERING AS NECESSARY AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$3,422.00	\$3,422.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20.	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$2,722.00	\$21,776.00	\$1,585.00	\$12,680.00	\$1,502.20	\$12,017.60
21.	TYPE "C" MANHOLE FOR 48" STORM SEWER & GREATER, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$3,260.00	\$26,080.00	\$2,245.00	\$17,960.00	\$2,124.25	\$16,994.00
22.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	16	\$100.00	\$1,600.00	\$250.00	\$4,000.00	\$174.00	\$2,784.00
23.	TYPE "C" MANHOLE FOR 48" AND GREATER WITH TYPE "E" INLET TOP, ALL DEPTHS, (THROAT ELEVATION TO BE 2' BELOW NATURAL GROUND), COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$2,525.00	\$2,525.00	\$2,733.25	\$2,733.25
24.	JUNCTION BOX FOR 6' X 4' BOX CULVERT WITH TYPE "E" INLET TOP, ALL DEPTHS, (THROAT ELEVATION TO BE 2' BELOW NATURAL GROUND), COMPLETE IN PLACE	EA	2	\$4,500.00	\$9,000.00	\$2,850.00	\$5,700.00	\$7,389.20	\$14,778.40
25.	PROPOSED DRAINAGE SWALE ALONG EXISTING LEVEE, INCLUDES EXCAVATION, HAULING, GRADING, AND HYDRO-MULCH SEEDING PER SWMHCA SPECIFICATIONS NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	750	\$2.00	\$1,500.00	\$2.00	\$1,500.00	\$2.00	\$1,500.00
26.	PROPOSED DRAINAGE SWALE ACROSS RESERVE TO JUNCTION BOX D-29, INCLUDES EXCAVATION, HAULING, GRADING & HYDRO-MULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$2.00	\$200.00	\$2.00	\$200.00
27.	PROPOSED DRAINAGE SWALE FROM THE EAST OF DOW PIPELINE EASEMENT TO JUNCTION BOX D-30, INCLUDES EXCAVATION, HAULING, GRADING, AND HYDRO-MULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	335	\$2.00	\$670.00	\$2.00	\$670.00	\$2.00	\$670.00
28.	PROPOSED DRAINAGE SWALE ALONG FUTURE FORT BEND TOLLWAY, 3:1 SIDE SLOPES, WITH 2' BOTTOM, INCLUDES EXCAVATION, HAULING, GRADING, AND HYDRO-MULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,200	\$2.00	\$2,400.00	\$2.00	\$2,400.00	\$2.00	\$2,400.00
29.	ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" STORM SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,250	\$1.00	\$1,250.00	\$16.00	\$20,000.00	\$13.14	\$16,425.00
30.	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE HAULED USING OFF-ROAD TRUCKS TO A DESIGNATED STOCKPILE LOCATION WITHIN 0.5 MILE OF PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY. INCLUDES ANY TEMPORARY TRAFFIC CONTROL, FLAGMEN, ETC. REQUIRED TO CROSS OR TRAVERSE EXISTING ROADWAYS. INCLUDES MATS AND COORDINATION FOR CROSSING DOW PIPELINE. COMPLETE IN PLACE	CY	6,563	\$1.20	\$7,875.60	\$2.50	\$16,407.50	\$2.33	\$15,291.79
31.	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE HAULED USING ON-ROAD TRUCKS TO A DESIGNATED STOCKPILE LOCATION WITHIN TWO MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY. INCLUDES ANY TEMPORARY TRAFFIC CONTROL, FLAGMEN, ETC. REQUIRED TO CROSS OR TRAVERSE EXISTING ROADWAYS. COMPLETE IN PLACE	CY	6,563	\$3.00	\$19,689.00	\$4.00	\$26,252.00	\$3.89	\$25,530.07
32.	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
33.	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT (PERCENTAGE OF CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$6,400.00	\$6,400.00	\$7,425.00	\$7,425.00	\$6,800.00	\$6,800.00
34.	TYPE "E" INLET, THROAT ELEVATION 2' BELOW NATURAL GROUND, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$2,800.00	\$2,800.00	\$1,421.00	\$1,421.00
35.	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3,606	\$0.10	\$360.60	\$0.50	\$1,803.00	\$0.46	\$1,658.76
36.	DEWATERING (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE WRITTEN DIRECTION OF TH ENGINEER), COMPLETE IN PLACE	LF	1,250	\$20.00	\$25,000.00	\$20.00	\$25,000.00	\$20.00	\$25,000.00
37.	REMOVE AND DISPOSE OF EXISTING INTERCEPTOR STRUCTURE AND 24" CGMP, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00	\$350.00	\$350.00	\$725.00	\$725.00
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS (SIENNA PLANTATION M.U.D. 10)</b>					<b>\$447,879.20</b>		<b>\$470,952.00</b>		<b>\$502,315.87</b>

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 TO SERVE SIENNA VILLAGE OF ANDERSON SPRINGS SECTION 28B  
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 LJA ENGINEERING, INC.  
 S. ROSS  
 DECEMBER 6, 2011  
 1470-1126B (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) HARRIS CONSTRUCTION COMPANY, LTD.		3) MONARCH CIVIL CONSTRUCTORS, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>CLEARING AND GRUBBING ITEMS (SIENNA PLANTATION M.U.D. 10)</b>									
1.	LIGHT CLEARING AND GRUBBING OF STREET RIGHT-OF-WAY (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.87	\$4,000.00	\$3,480.00	\$500.00	\$435.00	\$3,538.00	\$3,078.06
2.	LIGHT CLEARING AND GRUBBING OF PUBLIC UTILITY EASEMENTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.5	\$4,000.00	\$2,000.00	\$500.00	\$250.00	\$3,538.00	\$1,769.00
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS (SIENNA PLANTATION M.U.D. 10)</b>					<b>\$5,480.00</b>		<b>\$685.00</b>		<b>\$4,847.06</b>
<b>CLEARING AND GRUBBING ITEMS (DEVELOPER ITEMS)</b>									
1.	LIGHT CLEARING AND GRUBBING OF STREET RIGHT-OF-WAY, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.87	\$4,000.00	\$3,480.00	\$500.00	\$435.00	\$3,538.00	\$3,078.06
2.	LIGHT CLEARING AND GRUBBING OF PRIVATE UTILITY EASEMENTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.08	\$4,000.00	\$4,320.00	\$500.00	\$540.00	\$3,538.00	\$3,821.04
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS (DEVELOPER ITEMS)</b>					<b>\$7,800.00</b>		<b>\$975.00</b>		<b>\$6,899.10</b>
<b>MISCELLANEOUS ITEMS</b>									
1.	STANDARD DEDUCT FOR VARIANCE REQUESTS SUBMITTED BY THE ENGINEER ON BEHALF OF THE CONTRACTOR. (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 A TREE MARKED FOR PRESERVATION, (AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	EA	0	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$0.00</b>		<b>\$0.00</b>		<b>\$0.00</b>
<b>BID SUMMARY</b>									
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS - (SIENNA PLANTATION M.U.D. 10)					\$79,750.90		\$71,278.25		\$73,713.34
SUBTOTAL SANITARY SEWER SYSTEM ITEMS (SIENNA PLANTATION M.U.D. 10)					\$153,668.40		\$165,269.95		\$155,919.37
SUBTOTAL DRAINAGE FACILITIES ITEMS (SIENNA PLANTATION M.U.D. 10)					\$447,879.20		\$470,952.00		\$502,315.87
SUBTOTAL CLEARING AND GRUBBING ITEMS (SIENNA PLANTATION M.U.D. 10)					\$5,480.00		\$685.00		\$4,847.06
SUBTOTAL CLEARING AND GRUBBING ITEMS (DEVELOPER ITEMS)					\$7,800.00		\$975.00		\$6,899.10
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00		\$0.00		\$0.00
<b>TOTAL AMOUNT BID - BASE BID (WATER, SANITARY SEWER AND DRAINAGE FACILITIES)</b>					<b>\$694,578.50</b>		<b>\$709,160.20</b>		<b>\$743,694.74</b>

**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 VILLAGE OF ANDERSON SPRINGS SECTION 26B  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 10  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 6, 2011  
 LJA ENGINEERING, INC.  
 S. ROSS  
 DECEMBER 6, 2011  
 1470-1126B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) HARRIS CONSTRUCTION COMPANY, LTD.		3) MONARCH CIVIL CONSTRUCTORS, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>ALTERNATE BID - PAVING AND APPURTENANCES</b>									
<b>PAVING IMPROVEMENT ITEMS</b>									
1.	6" REINFORCED CONCRETE PAVEMENT POURED FULL-WIDTH WHERE APPLICABLE, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	3,631	\$25.50	\$92,590.50	\$26.00	\$94,406.00	\$26.71	\$96,984.01
2.	7" REINFORCED CONCRETE PAVEMENT POURED FULL-WIDTH WHERE APPLICABLE, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	2,890	\$27.00	\$78,030.00	\$28.95	\$83,665.50	\$29.15	\$84,243.50
3.	4" X 12" REINFORCED MOUNTABLE CURB WITH POLYETHYLENE FIBERS, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	LF	1,895	\$2.50	\$4,737.50	\$2.55	\$4,832.25	\$2.33	\$4,415.35
4.	6" REINFORCED CONCRETE CURB, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	LF	1,521	\$2.50	\$3,802.50	\$2.55	\$3,878.55	\$2.33	\$3,543.93
5.	6" LIME STABILIZED SUBGRADE (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	7321	\$2.80	\$20,498.80	\$2.25	\$16,472.25	\$1.33	\$9,736.93
6.	LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT, 44 LBS/SY) (TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE)	TON	161	\$155.00	\$24,955.00	\$160.00	\$25,760.00	\$152.64	\$24,575.04
7.	COMMON ROADWAY EXCAVATION, TO BE HAULED USING OFF ROAD TRUCKS, PLACED ON ADJACENT SITE & COMPACTED TO 95% STANDARD PROCTOR DENSITY, MAXIMUM 8" LIFTS (INCLUDES 30% COMPACTION FACTOR) AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	CY	4,162	\$3.00	\$12,486.00	\$3.00	\$12,486.00	\$4.24	\$17,646.88
8.	COMMON ROADWAY EXCAVATION TO BE USED FOR ON-SITE ROADWAY FILL (PER GRADING PLAN), INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS (INCLUDES 30% COMPACTION FACTOR), COMPLETE IN PLACE	CY	100	\$2.00	\$200.00	\$2.50	\$250.00	\$3.18	\$318.00
9.	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, STREET SIGNS, STOP SIGNS, PAVEMENT STRIPING, MARKERS, ETC., COMPLETE IN PLACE	LS	1	\$1,800.00	\$1,800.00	\$4,225.00	\$4,225.00	\$2,226.00	\$2,226.00
10.	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTON FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	5	\$20.00	\$100.00	\$19.00	\$95.00	\$10.60	\$53.00
11.	CLEARING & GRUBBING (USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$3,568.50	\$3,568.50
12.	DRAINAGE SWALES, INCLUDES EXCAVATION, HAULING, GRADING AND HYDRO-MULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$2.00	\$200.00	\$2.00	\$200.00
13.	ADDITIONAL 6" LIME STABILIZED SUBGRADE (MISSOURI CITY SPECIFICATIONS) TO BE USED FOR UNSTABLE SOIL CONDITIONS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	7,321	\$0.25	\$1,830.25	\$0.25	\$1,830.25	\$1.27	\$9,297.67
14.	ADDITIONAL COST FOR 5-1/2 SACK CONCRETE FOR 6-INCH AND 7-INCH (REINFORCING, TESTING, AND ANY OTHER APPURTENANCES, IN ACCORDANCE WITH CITY OF MISSOURI CITY SPECIFICATIONS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	SY	6,521	\$0.80	\$5,216.80	\$1.00	\$6,521.00	\$3.18	\$20,736.78
15.	ADDITIONAL LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT) (44 LBS/YD), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	TON	161	\$75.00	\$12,075.00	\$75.00	\$12,075.00	\$152.64	\$24,575.04
16.	INSTALLATION AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$530.00	\$530.00
17.	IRRIGATION SLEEVE, 6" PVC SCHEDULE 40, COMPLETE IN PLACE	LF	307	\$20.00	\$6,140.00	\$16.00	\$4,912.00	\$10.60	\$3,254.20
18.	PROVIDE SUBDIVISION BOND IN THE AMOUNT OF \$111,300.00, COMPLETE IN PLACE	LS	1	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$4,674.60	\$4,674.60
19.	REMOVE AND DISPOSE EXISTING TYPE III BARRICADES, COMPLETE IN PLACE	EA	1	\$1.00	\$1.00	\$100.00	\$100.00	\$53.00	\$53.00
20.	TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$950.00	\$950.00	\$848.00	\$848.00
21.	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT (PERCENTAGE OF CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$4,050.00	\$4,050.00	\$6,000.00	\$6,000.00
22.	ZERO LOAD CONCRETE PROTECTIVE SLAB FOR D.O.W. PIPELINE CROSSING AS DETAILED IN THE PLAN SET, INCLUDES FOOTINGS, WRAPS, LINERS, REBAR, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	SY	125	\$74.00	\$9,250.00	\$9,850.00	\$1,231,250.00 *	\$74.20	\$9,275.00
23.	FINAL LOT GRADING FOR 29 LOTS AND RESERVES, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$4,875.00	\$4,875.00	\$2,650.00	\$2,650.00
<b>SUBTOTAL PAVING IMPROVEMENT ITEMS</b>					<b>\$291,413.35</b>		<b>\$1,525,333.80 *</b>		<b>\$329,405.43</b>

\* MATHEMATICAL ERROR

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE SIENNA VILLAGE OF ANDERSON SPRINGS SECTION 26B  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 10  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 6, 2011  
 LJA ENGINEERING, INC.  
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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) HARRIS CONSTRUCTION COMPANY, LTD.		3) MONARCH CIVIL CONSTRUCTORS, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>MISCELLANEOUS ITEMS</b>									
1.	STANDARD DEDUCT FOR VARIANCE REQUEST SUBMITTED BY THE ENGINEER ON BEHALF OF THE CONTRACTOR (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	0	(\$1,000.00)	\$0.00	(\$100.00)	\$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 CONTRACT (AS DIRECTED BY TH ENGINEER), COMPLETE IN PLACE	LF	0	(\$10.00)	\$0.00	(\$10.00)	\$0.00	(\$10.00)	\$0.00
4.	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
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>BID SUMMARY</b>									
SUBTOTAL PAVING IMPROVEMENT ITEMS					\$291,413.35		\$1,525,333.80 *		\$329,405.43
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00		\$0.00		\$0.00
<b>TOTAL AMOUNT BID - ALTERNATE BID (PAVING AND APPURTENANCES)</b>					<b>\$291,413.35</b>		<b>\$1,525,333.80 *</b>		<b>\$329,405.43</b>

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE SIENNA VILLAGE OF ANDERSON SPRINGS SECTION 26B  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 10  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 6, 2011  
 LJA ENGINEERING, INC.  
 S. ROSS  
 DECEMBER 6, 2011  
 1470-1126B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) C.E. BARKER, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>BASE BID - WATER, SANITARY SEWER AND DRAINAGE FACILITIES</b>							
<b>WATER DISTRIBUTION SYSTEM ITEMS - (SIENNA PLANTATION M.U.D. 10)</b>							
1.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 713.995.1306, COMPLETE IN PLACE	LS	1	\$5,462.00	\$5,462.00	\$5,462.00	\$5,462.00
2.	4" PVC WATER LINE, C-900, DR 14, CL 200, ALL DEPTHS, COMPLETE IN PLACE	LF	75	\$14.00	\$1,050.00	\$9.51	\$713.25
3.	6" PVC WATER LINE, C-900, DR 14, CL 200, ALL DEPTHS, COMPLETE IN PLACE	LF	287	\$15.10	\$4,333.70	\$12.29	\$3,527.23
4.	8" PVC WATER LINE, C-900, DR 18, CL 150, ALL DEPTHS, COMPLETE IN PLACE	LF	926	\$19.00	\$17,594.00	\$14.46	\$13,389.96
5.	12" PVC WATER LINE, C-900, DR18, CL150, ALL DEPTHS, COMPLETE IN PLACE	LF	607	\$27.60	\$16,753.20	\$24.53	\$14,889.71
6.	2" SCHEDULE 40 PVC SLEEVES WITH CAPS, INCLUDES CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	160	\$14.00	\$2,240.00	\$15.03	\$2,404.80
7.	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$1,650.00	\$1,650.00	\$1,874.79	\$1,874.79
8.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	5	\$880.00	\$4,400.00	\$960.19	\$4,800.95
9.	REMOVE & DISPOSE EXISTING 2" BLOW-OFF VALVE & BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$125.00	\$125.00	\$61.20	\$61.20
10.	REMOVE AND DISPOSE EXISTING 12" PLUG & CLAMP, ALL DEPTHS, AND CONNECT PROPOSED 12" WATER LINE, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$870.58	\$870.58
11.	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, AND FLUSHING VALVE, COMPLETE IN PLACE	EA	4	\$3,300.00	\$13,200.00	\$3,584.12	\$14,336.48
12.	FLUSHING VALVE, ALL DEPTHS, INCLUDES 6" GATE VALVE AND BOX, LEAD, AND FLUSHING VALVE, (NO TEE), COMPLETE IN PLACE	EA	1	\$3,150.00	\$3,150.00	\$3,147.50	\$3,147.50
13.	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	3	\$600.00	\$1,800.00	\$297.75	\$893.25
14.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$130.00	\$260.00	\$262.43	\$524.86
15.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$120.00	\$120.00	\$198.47	\$198.47
16.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1.50	\$3,000.00	\$4,500.00	\$3,113.20	\$4,669.80
17.	BORE AND JACK OR AUGER OF 12", 8", 6" OR 4" WATERLINE. (DOES NOT INCLUDE WATERLINE), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$30.00	\$3,000.00	\$57.16	\$5,716.00
18.	TRENCH SAFETY SYSTEM, ALL DEPTHS COMPLETE IN PLACE	LF	1,895	\$0.10	\$189.50	\$0.12	\$227.40
<b>SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS - (SIENNA PLANTATION M.U.D. 10)</b>					<b>\$79,927.40</b>		<b>\$77,708.23</b>
<b>SANITARY SEWER SYSTEM ITEMS (SIENNA PLANTATION M.U.D. 10)</b>							
1.	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	989	\$23.45	\$23,192.05	\$24.30	\$24,032.70
2.	10" AWWA C900, DR 18, CL 150, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	552	\$32.00	\$17,664.00	\$35.37	\$19,524.24
3.	12" AWWA C900, DR 18, CL 150, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	46	\$40.00	\$1,840.00	\$41.11	\$1,891.06
4.	STANDARD SANITARY SEWER MANHOLE, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	14	\$2,000.00	\$28,000.00	\$2,405.16	\$33,672.24
5.	EXTRA VERTICAL DEPTH OF SANITARY SEWER MANHOLES (OVER 8' DEPTH), COMPLETE IN PLACE	VF	45.37	\$140.00	\$6,351.80	\$153.00	\$6,941.61
6.	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG, MARKER, DROP STRUCTURES, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	729	\$30.00	\$21,870.00	\$37.38	\$27,250.02
7.	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG, MARKER, TRENCH SAFETY, DROP STRUCTURES, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	7	\$435.00	\$3,045.00	\$483.32	\$3,383.24
8.	DEWATERING (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,090	\$20.00	\$21,800.00	\$20.00	\$21,800.00

\* MATHEMATICAL ERROR

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 TO SERVE SIENNA VILLAGE OF ANDERSON SPRINGS SECTION 26B  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 10  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 6, 2011  
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**LJA JOB NO.**

ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) C.E. BARKER, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	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	\$50.00	\$5,000.00	\$62.06	\$6,206.00
10.	BORE PITS FOR SANITARY SEWER BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00	\$2,448.00	\$4,896.00
11.	ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" SANITARY SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,090	\$12.00	\$13,080.00	\$12.00	\$13,080.00
12.	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	200	\$12.00	\$2,400.00	\$12.00	\$2,400.00
13.	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,587	\$1.00	\$1,587.00	\$3.00	\$4,761.00
14.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$163.61	\$163.61
15.	REMOVE AND DISPOSE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$643.21	\$643.21
16.	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	1,587	\$0.30	\$476.10	\$0.12	\$190.44
<b>SUBTOTAL SANITARY SEWER SYSTEM ITEMS (SIENNA PLANTATION M.U.D. 10)</b>					<b>\$149,555.95</b>		<b>\$170,835.37</b>
<b>DRAINAGE FACILITIES ITEMS (SIENNA PLANTATION M.U.D. 10)</b>							
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	884	\$38.00	\$33,592.00	\$40.51	\$35,810.84
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	41	\$47.00	\$1,927.00	\$51.30	\$2,103.30
3.	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	45	\$60.00	\$2,700.00	\$67.83	\$3,052.35
4.	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	35	\$75.00	\$2,625.00	\$84.75	\$2,966.25
5.	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	8	\$100.00	\$800.00	\$104.35	\$834.80
6.	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	380	\$130.00	\$49,400.00	\$148.34	\$56,369.20
7.	60" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	757	\$152.00	\$115,064.00	\$170.32	\$128,932.24
8.	6' X 4' BOX CULVERT, C-1433, ALL DEPTHS, COMPLETE IN PLACE	LF	486	\$205.00	\$99,630.00	\$200.98	\$97,676.28
9.	4:1 SAFETY END TREATMENT FOR 6' X 4' BOX CULVERT, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$4,533.70	\$4,533.70
10.	8" PVC SCHEDULE 40 DRAIN PIPE, 2' MINIMUM COVER, COMPLETE IN PLACE	LF	190	\$20.00	\$3,800.00	\$31.83	\$6,047.70
11.	12" CATCH BASIN WITH GRATE TOP, COMPLETE IN PLACE	EA	5	\$1,000.00	\$5,000.00	\$734.40	\$3,672.00
12.	4" CONCRETE SLOPE PAVEMENT WITH 2' TOE WALL ON ALL SIDES, IN ACCORDANCE WITH CITY OF MISSOURI CITY STANDARD CRITERIA, COMPLETE IN PLACE	SY	150	\$55.00	\$8,250.00	\$73.44	\$11,016.00
13.	BRICK PLUG FOR 30" STORM SEWER, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$336.60	\$336.60
14.	BRICK PLUG FOR 24" STORM SEWER, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$244.80	\$244.80
15.	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	9	\$800.00	\$7,200.00	\$979.20	\$8,812.80
16.	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	9	\$650.00	\$5,850.00	\$1,101.60	\$9,914.40
17.	STAGE I - 10' PRECAST CURB INLET, ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	5	\$1,200.00	\$6,000.00	\$1,040.40	\$5,202.00
18.	STAGE II - 10' PRECAST CURB INLET, (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	5	\$1,250.00	\$6,250.00	\$1,591.20	\$7,956.00
19.	EARTHEN COFFER DAM AS NECESSARY TO CONSTRUCT 6' X 4' OUTFALL AND 4" CONCRETE SLOPE PAVEMENT, INCLUDES DEWATERING AS NECESSARY AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$3,060.00	\$3,060.00

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 VILLAGE OF ANDERSON SPRINGS SECTION 26B  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 10  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 6, 2011  
 LJA ENGINEERING, INC.  
 S. ROSS  
 DECEMBER 6, 2011  
 1470-1126B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) C.E. BARKER, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20.	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$1,650.00	\$13,200.00	\$2,509.20	\$20,073.60
21.	TYPE "C" MANHOLE FOR 48" STORM SEWER & GREATER, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$2,800.00	\$22,400.00	\$4,794.00	\$38,352.00
22.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	16	\$100.00	\$1,600.00	\$122.40	\$1,958.40
23.	TYPE "C" MANHOLE FOR 48" AND GREATER WITH TYPE "E" INLET TOP, ALL DEPTHS, (THROAT ELEVATION TO BE 2' BELOW NATURAL GROUND), COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$5,773.20	\$5,773.20
24.	JUNCTION BOX FOR 6' X 4' BOX CULVERT WITH TYPE "E" INLET TOP, ALL DEPTHS, (THROAT ELEVATION TO BE 2' BELOW NATURAL GROUND), COMPLETE IN PLACE	EA	2	\$8,000.00	\$16,000.00	\$7,956.00	\$15,912.00
25.	PROPOSED DRAINAGE SWALE ALONG EXISTING LEVEE, INCLUDES EXCAVATION, HAULING, GRADING, AND HYDRO-MULCH SEEDING PER SWMHCA SPECIFICATIONS NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	750	\$4.00	\$3,000.00	\$4.65	\$3,487.50
26.	PROPOSED DRAINAGE SWALE ACROSS RESERVE TO JUNCTION BOX D-29, INCLUDES EXCAVATION, HAULING, GRADING & HYDRO-MULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$2.00	\$200.00
27.	PROPOSED DRAINAGE SWALE FROM THE EAST OF DOW PIPELINE EASEMENT TO JUNCTION BOX D-30, INCLUDES EXCAVATION, HAULING, GRADING, AND HYDRO-MULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	335	\$4.00	\$1,340.00	\$2.00	\$670.00
28.	PROPOSED DRAINAGE SWALE ALONG FUTURE FORT BEND TOLLWAY, 3:1 SIDE SLOPES, WITH 2' BOTTOM, INCLUDES EXCAVATION, HAULING, GRADING, AND HYDRO-MULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,200	\$4.00	\$4,800.00	\$2.00	\$2,400.00
29.	ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" STORM SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,250	\$15.00	\$18,750.00	\$15.00	\$18,750.00
30.	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE HAULED USING OFF-ROAD TRUCKS TO A DESIGNATED STOCKPILE LOCATION WITHIN 0.5 MILE OF PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY. INCLUDES ANY TEMPORARY TRAFFIC CONTROL, FLAGMEN, ETC. REQUIRED TO CROSS OR TRAVERSE EXISTING ROADWAYS, INCLUDES MATS AND COORDINATION FOR CROSSING DOW PIPELINE, COMPLETE IN PLACE	CY	6,563	\$5.00	\$32,815.00	\$2.00	\$13,126.00
31.	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE HAULED USING ON-ROAD TRUCKS TO A DESIGNATED STOCKPILE LOCATION WITHIN TWO MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY. INCLUDES ANY TEMPORARY TRAFFIC CONTROL, FLAGMEN, ETC. REQUIRED TO CROSS OR TRAVERSE EXISTING ROADWAYS, COMPLETE IN PLACE	CY	6,563	\$8.00	\$52,504.00	\$6.00	\$39,378.00
32.	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
33.	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT (PERCENTAGE OF CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$7,200.00	\$7,200.00	\$10,404.00	\$10,404.00
34.	TYPE "E" INLET, THROAT ELEVATION 2' BELOW NATURAL GROUND, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,958.40	\$1,958.40
35.	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3,606	\$0.10	\$360.60	\$0.12	\$432.72
36.	DEWATERING (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE WRITTEN DIRECTION OF TH ENGINEER), COMPLETE IN PLACE	LF	1,250	\$20.00	\$25,000.00	\$20.00	\$25,000.00
37.	REMOVE AND DISPOSE OF EXISTING INTERCEPTOR STRUCTURE AND 24" CGMP, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$4,039.20	\$4,039.20
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS (SIENNA PLANTATION M.U.D. 10)</b>					<b>\$562,457.60</b>		<b>\$591,956.28</b>

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE SIENNA VILLAGE OF ANDERSON SPRINGS SECTION 26B  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 10  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 6, 2011  
 LJA ENGINEERING, INC.  
 S. ROSS  
 DECEMBER 6, 2011  
 1470-1126B (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) C.E. BARKER, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>CLEARING AND GRUBBING ITEMS (SIENNA PLANTATION M.U.D. 10)</b>							
1.	LIGHT CLEARING AND GRUBBING OF STREET RIGHT-OF-WAY (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.87	\$2,000.00	\$1,740.00	\$3,672.00	\$3,194.64
2.	LIGHT CLEARING AND GRUBBING OF PUBLIC UTILITY EASEMENTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.5	\$2,000.00	\$1,000.00	\$3,672.00	\$1,836.00
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS (SIENNA PLANTATION M.U.D. 10)</b>					<b>\$2,740.00</b>		<b>\$5,030.64</b>
<b>CLEARING AND GRUBBING ITEMS (DEVELOPER ITEMS)</b>							
1.	LIGHT CLEARING AND GRUBBING OF STREET RIGHT-OF-WAY, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.87	\$2,000.00	\$1,740.00	\$3,672.00	\$3,194.64
2.	LIGHT CLEARING AND GRUBBING OF PRIVATE UTILITY EASEMENTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1.08	\$2,000.00	\$2,160.00	\$3,672.00	\$3,965.76
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS (DEVELOPER ITEMS)</b>					<b>\$3,900.00</b>		<b>\$7,160.40</b>
<b>MISCELLANEOUS ITEMS</b>							
1.	STANDARD DEDUCT FOR VARIANCE REQUESTS SUBMITTED BY THE ENGINEER ON BEHALF OF THE CONTRACTOR. (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 A TREE MARKED FOR PRESERVATION, (AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	EA	0	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$0.00</b>		<b>\$0.00</b>
<b>BID SUMMARY</b>							
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS - (SIENNA PLANTATION M.U.D. 10)					\$79,927.40		\$77,708.23
SUBTOTAL SANITARY SEWER SYSTEM ITEMS (SIENNA PLANTATION M.U.D. 10)					\$149,555.95		\$170,835.37
SUBTOTAL DRAINAGE FACILITIES ITEMS (SIENNA PLANTATION M.U.D. 10)					\$562,457.60		\$591,956.28
SUBTOTAL CLEARING AND GRUBBING ITEMS (SIENNA PLANTATION M.U.D. 10)					\$2,740.00		\$5,030.64
SUBTOTAL CLEARING AND GRUBBING ITEMS (DEVELOPER ITEMS)					\$3,900.00		\$7,160.40
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00		\$0.00
<b>TOTAL AMOUNT BID - BASE BID (WATER, SANITARY SEWER AND DRAINAGE FACILITIES)</b>					<b>\$798,580.95</b>		<b>\$852,690.92</b>

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE SIENNA VILLAGE OF ANDERSON SPRINGS SECTION 26B  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 10  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 6, 2011  
 LJA ENGINEERING, INC.  
 S. ROSS  
 DECEMBER 6, 2011  
 1470-1126B (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) C.E. BARKER, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>ALTERNATE BID - PAVING AND APPURTENANCES</b>							
<b>PAVING IMPROVEMENT ITEMS</b>							
1.	6" REINFORCED CONCRETE PAVEMENT POURED FULL-WIDTH WHERE APPLICABLE, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	3,631	\$25.00	\$90,775.00	\$35.00	\$127,085.00
2.	7" REINFORCED CONCRETE PAVEMENT POURED FULL-WIDTH WHERE APPLICABLE, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	2,890	\$29.50	\$85,255.00	\$42.00	\$121,380.00
3.	4" X 12" REINFORCED MOUNTABLE CURB WITH POLYETHYLENE FIBERS, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	LF	1,895	\$3.00	\$5,685.00	\$3.50	\$6,632.50
4.	6" REINFORCED CONCRETE CURB, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	LF	1,521	\$3.00	\$4,563.00	\$3.00	\$4,563.00
5.	6" LIME STABILIZED SUBGRADE (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	7321	\$2.30	\$16,838.30	\$3.50	\$25,623.50
6.	LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT, 44 LBS/SY) (TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	TON	161	\$145.00	\$23,345.00	\$165.00	\$26,565.00
7.	COMMON ROADWAY EXCAVATION, TO BE HAULED USING OFF ROAD TRUCKS, PLACED ON ADJACENT SITE & COMPACTED TO 95% STANDARD PROCTOR DENSITY, MAXIMUM 8" LIFTS (INCLUDES 30% COMPACTION FACTOR) AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	CY	4,162	\$7.00	\$29,134.00	\$5.00	\$20,810.00
8.	COMMON ROADWAY EXCAVATION TO BE USED FOR ON-SITE ROADWAY FILL (PER GRADING PLAN), INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS (INCLUDES 30% COMPACTION FACTOR), COMPLETE IN PLACE	CY	100	\$5.00	\$500.00	\$10.00	\$1,000.00
9.	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, STREET SIGNS, STOP SIGNS, PAVEMENT STRIPING, MARKERS, ETC., COMPLETE IN PLACE	LS	1	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00
10.	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTON FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	5	\$10.00	\$50.00	\$15.00	\$75.00
11.	CLEARING & GRUBBING (USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$2,000.00	\$2,000.00	\$8,500.00	\$8,500.00
12.	DRAINAGE SWALES, INCLUDES EXCAVATION, HAULING, GRADING AND HYDRO-MULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$3.00	\$300.00	\$5.00	\$500.00
13.	ADDITIONAL 6" LIME STABILIZED SUBGRADE (MISSOURI CITY SPECIFICATIONS) TO BE USED FOR UNSTABLE SOIL CONDITIONS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	7,321	\$2.00	\$14,642.00	\$1.00	\$7,321.00
14.	ADDITIONAL COST FOR 5-1/2 SACK CONCRETE FOR 6-INCH AND 7-INCH (REINFORCING, TESTING, AND ANY OTHER APPURTENANCES, IN ACCORDANCE WITH CITY OF MISSOURI CITY SPECIFICATIONS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	SY	6,521	\$1.50	\$9,781.50	\$2.00	\$13,042.00
15.	ADDITIONAL LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT) (44 LBS/YD), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	TON	161	\$145.00	\$23,345.00	\$100.00	\$16,100.00
16.	INSTALLATION AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,700.00	\$1,700.00	\$1,500.00	\$1,500.00
17.	IRRIGATION SLEEVE, 6" PVC SCHEDULE 40, COMPLETE IN PLACE	LF	307	\$16.00	\$4,912.00	\$25.00	\$7,675.00
18.	PROVIDE SUBDIVISION BOND IN THE AMOUNT OF \$111,300.00, COMPLETE IN PLACE	LS	1	\$2,800.00	\$2,800.00	\$5,000.00	\$5,000.00
19.	REMOVE AND DISPOSE EXISTING TYPE III BARRICADES, COMPLETE IN PLACE	EA	1	\$1.00	\$1.00	\$250.00	\$250.00
20.	TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00
21.	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT (PERCENTAGE OF CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$3,300.00	\$3,300.00	\$4,500.00	\$4,500.00
22.	ZERO LOAD CONCRETE PROTECTIVE SLAB FOR D.O.W. PIPELINE CROSSING AS DETAILED IN THE PLAN SET, INCLUDES FOOTINGS, WRAPS, LINERS, REBAR, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	SY	125	\$50.00	\$6,250.00	\$50.00	\$6,250.00
23.	FINAL LOT GRADING FOR 29 LOTS AND RESERVES, COMPLETE IN PLACE	LS	1	\$3,500.00	\$3,500.00	\$15,000.00	\$15,000.00
<b>SUBTOTAL PAVING IMPROVEMENT ITEMS</b>					<b>\$333,776.80</b>		<b>\$430,372.00</b>

\* MATHEMATICAL ERROR

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE SIENNA VILLAGE OF ANDERSON SPRINGS SECTION 26B  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 10  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 6, 2011  
 LJA ENGINEERING, INC.  
 S. ROSS  
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 1470-1126B (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) C.E. BARKER, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>MISCELLANEOUS ITEMS</b>							
1.	STANDARD DEDUCT FOR VARIANCE REQUEST SUBMITTED BY THE ENGINEER ON BEHALF OF THE CONTRACTOR (TO BE USED ONLY AS DIRECTED BY 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 CONTRACT (AS DIRECTED BY TH ENGINEER), COMPLETE IN PLACE	LF	0	(\$10.00)	\$0.00	(\$10.00)	\$0.00
4.	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
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>BID SUMMARY</b>							
SUBTOTAL PAVING IMPROVEMENT ITEMS					\$333,776.80		\$430,372.00
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00		\$0.00
<b>TOTAL AMOUNT BID - ALTERNATE BID (PAVING AND APPURTENANCES)</b>					<b>\$333,776.80</b>		<b>\$430,372.00</b>