

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
TO SERVE SIENNA SECTION 34B  
SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6  
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
NOVEMBER 13, 2020  
LJA ENGINEERING, INC.  
C. DURHAM  
NOVEMBER 16, 2020  
1416-1534BD (9.2)

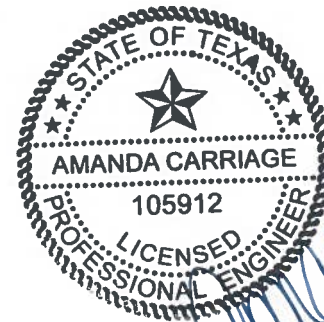
BID OPENING DATE:  
BID OPENING LOCATION:  
TABULATION BY:  
TABULATION DATE:  
LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS
1) CROSTEX CONSTRUCTION INC.	\$681,000.00	\$724,268.00
2) R CONSTRUCTION CIVIL	\$683,300.80	\$736,568.80
3) DIMAS BROS. CONSTRUCTION	\$691,246.92	\$734,514.92
4) D. L. ELLIOTT ENTERPRISES, INC.	\$740,849.29	\$820,189.29
5) CE BARKER, LTD	\$743,149.89	\$786,417.89
6) HARRIS CONSTRUCTION COMPANY, LTD.	\$760,031.55	\$803,299.55

CALENDAR DAYS 40/50

*Amanda Carriage*

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



*Amanda Carriage*  
11/17/20

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)</b>									
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, L.P., 281.499.4539, COMPLETE IN PLACE	LS	1	\$12,000.00	\$12,000.00	\$11,975.00	\$11,975.00	\$11,975.00	\$11,975.00
2	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	3029	\$17.25	\$52,250.25	\$17.00	\$51,493.00	\$19.00	\$57,551.00
3	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	9	\$955.00	\$8,595.00	\$1,100.00	\$9,900.00	\$909.00	\$8,181.00
4	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	8	\$3,700.00	\$29,600.00	\$4,100.00	\$32,800.00	\$3,718.00	\$29,744.00
5	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1.69	\$1,800.00	\$3,042.00	\$1,650.00	\$2,788.50	\$1.00	\$1.69
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3029	\$0.01	\$30.29	\$0.10	\$302.90	\$1.00	\$3,029.00
7	8" PLUG & CLAMP, COMPLETE IN PLACE	EA	4	\$105.00	\$420.00	\$120.00	\$480.00	\$95.00	\$380.00
8	2" BLOW OFF VALVE & BOX ASSEMBLY, COMPLETE IN PLACE	EA	4	\$275.00	\$1,100.00	\$700.00	\$2,800.00	\$440.00	\$1,760.00
9	REMOVE AND DISPOSE OF EXISTING 8" PLUG AND CLAMP AND CONNECT PROPOSED 8" WATERLINE, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1.00	\$2.00	\$200.00	\$400.00	\$275.00	\$550.00
10	SHORT SIDE DOUBLE OR SINGLE 1" CTS DR9 POLY TUBING WATER SERVICE LEADS, ALL DEPTHS, BACKFILL, METER BOX, CURB STOP, TAPS, AND ALL NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	27	\$440.00	\$11,880.00	\$370.00	\$9,990.00	\$430.00	\$11,610.00
11	LONG SIDE DOUBLE OR SINGLE 1" CTS DR9 POLY TUBING WATER SERVICE LEADS, ALL DEPTHS, BACKFILL, METER BOX, CURB STOP, TAPS, AND ALL NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	33	\$900.00	\$29,700.00	\$800.00	\$26,400.00	\$848.00	\$27,984.00
					<b>\$148,619.54</b>		<b>\$149,329.40</b>		<b>\$152,765.69</b>
<b>WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SU</b>									
<b>SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)</b>									
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	2085	\$23.60	\$49,206.00	\$22.50	\$46,912.50	\$27.35	\$57,024.75
2	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 12' – 16' DEPTH, COMPLETE IN PLACE	LF	451	\$26.95	\$12,154.45	\$25.50	\$11,500.50	\$30.00	\$13,530.00
3	STANDARD SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	11	\$3,525.00	\$38,775.00	\$2,800.00	\$30,800.00	\$3,584.00	\$39,424.00
4	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	4.99	\$350.00	\$1,746.50	\$250.00	\$1,247.50	\$258.00	\$1,287.42
5	5' DIAMETER SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	3	\$5,650.00	\$16,950.00	\$4,300.00	\$12,900.00	\$4,385.00	\$13,155.00
6	EXTRA VERTICAL DEPTH OF 5' DIAMETER STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	25.03	\$430.00	\$10,762.90	\$310.00	\$7,759.30	\$325.00	\$8,134.75
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	914	\$30.50	\$27,877.00	\$32.00	\$29,248.00	\$38.00	\$34,732.00
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	17	\$935.00	\$15,895.00	\$850.00	\$14,450.00	\$1,000.00	\$17,000.00

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 TO SERVE SIENNA SECTION 34B  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 NOVEMBER 13, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 NOVEMBER 16, 2020  
 1416-1534BD (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2536	\$0.01	\$25.36	\$1.65	\$4,184.40	\$0.01	\$25.36
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3450	\$0.05	\$172.50	\$0.10	\$345.00	\$1.00	\$3,450.00
11	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	14	\$100.00	\$1,400.00	\$1.00	\$14.00	\$50.00	\$700.00
12	REMOVE AND DISPOSE OF EXISTING 8" PLUG AND CONNECT PROPOSED SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$150.00	\$300.00	\$100.00	\$200.00
<b>SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6 SUBTO</b>					<b>\$175,164.71</b>		<b>\$159,661.20</b>		<b>\$188,663.28</b>
<b>DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)</b>									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	685	\$53.25	\$36,476.25	\$59.00	\$40,415.00	\$57.80	\$39,593.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	267	\$66.00	\$17,622.00	\$70.00	\$18,690.00	\$68.10	\$18,182.70
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1105	\$89.25	\$98,621.25	\$94.00	\$103,870.00	\$89.10	\$98,455.50
4	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	408	\$116.25	\$47,430.00	\$127.00	\$51,816.00	\$119.60	\$48,796.80
5	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	167	\$139.00	\$23,213.00	\$149.00	\$24,883.00	\$143.35	\$23,939.45
6	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	\$700.00	\$12,600.00	\$791.00	\$14,238.00
7	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	18	\$250.00	\$4,500.00	\$1,400.00	\$25,200.00	\$1,184.00	\$21,312.00
8	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	17	\$2,380.00	\$40,460.00	\$2,800.00	\$47,600.00	\$2,184.00	\$37,128.00
9	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,745.00	\$2,745.00	\$3,600.00	\$3,600.00	\$2,500.00	\$2,500.00
10	JUNCTION BOX WITH TYPE "C" MANHOLE PER DETAIL, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,030.00	\$3,030.00	\$6,000.00	\$6,000.00	\$4,500.00	\$4,500.00
11	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	\$10,629.93	\$10,629.93	\$6,760.00	\$6,760.00	\$9,400.00	\$9,400.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2632	\$0.01	\$26.32	\$0.10	\$263.20	\$1.00	\$2,632.00
13	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	5400	\$1.50	\$8,100.00	\$2.00	\$10,800.00	\$1.65	\$8,910.00
14	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	19	\$50.00	\$950.00	\$1.00	\$19.00	\$50.00	\$950.00
15	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
16	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$100.00	\$400.00	\$500.00	\$2,000.00	\$25.00	\$100.00

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 TO SERVE SIENNA SECTION 34B  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 NOVEMBER 13, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 NOVEMBER 16, 2020  
 1416-1534BD (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	ON GRATE INLET, AS PER CITY OF MISSOURI CITY SPECIFICATIONS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$2,200.00	\$4,400.00	\$1,800.00	\$3,600.00
18	REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$400.00	\$800.00	\$100.00	\$200.00
19	OVERFLOW DRAINAGE SWALE ALONG FUTURE R.O.W., 3:1 SIDE SLOPES WITH "V" BOTTOM, 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	768	\$4.00	\$3,072.00	\$2.00	\$1,536.00	\$3.50	\$2,688.00
20	COFFER DAM OR BLADDER AND TEMPORARY BYPASS PUMPING FOR DURATION OF PROJECT, BY ANY MEANS NECESSARY TO CONNECT PROPOSED STORM SEWER TO EXISTING SUBMERGED SYSTEM, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$5,200.00	\$5,200.00	\$1,800.00	\$1,800.00
21	DEMUCK, SCARIFY AND PROOFROLL EXISTING LOW AREA, AS PER SHEET 13 OF THE PLAN SET (APPROXIMATELY 4' DEEP), COMPLETE IN PLACE	SY	2890	\$6.00	\$17,340.00	\$2.20	\$6,358.00	\$3.25	\$9,392.50
<b>DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SUBTOTAL:</b>					<b>\$357,215.75</b>		<b>\$374,310.20</b>		<b>\$349,817.95</b>
<b>MISCELLANEOUS ITEMS</b>									
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
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$0.00</b>		<b>\$0.00</b>		<b>\$0.00</b>
<b>ALTERNATE BID NO. 1 – WS&amp;D FIELD CONDITIONS ITEMS</b>									
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	\$50.00	\$5,000.00	\$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	\$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	852	\$20.00	\$17,040.00	\$20.00	\$17,040.00	\$20.00	\$17,040.00
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	\$90.00	\$9,000.00	\$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	\$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	451	\$12.00	\$5,412.00	\$12.00	\$5,412.00	\$12.00	\$5,412.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	401	\$16.00	\$6,416.00	\$16.00	\$6,416.00	\$16.00	\$6,416.00
<b>ALTERNATE BID NO. 1 – WS&amp;D FIELD CONDITIONS ITEMS SUBTOTAL:</b>					<b>\$43,268.00</b>		<b>\$53,268.00</b>		<b>\$43,268.00</b>
<b>BIDDING SUMMARY</b>									
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUE)					\$148,619.54		\$149,329.40		\$152,765.69
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)					\$175,164.71		\$159,661.20		\$188,663.28
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)					\$357,215.75		\$374,310.20		\$349,817.95
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00		\$0.00		\$0.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$681,000.00</b>		<b>\$683,300.80</b>		<b>\$691,246.92</b>
<b>ALTERNATE BID NO. 1 – WS&amp;D FIELD CONDITIONS ITEMS</b>									
TOTAL AMOUNT BASE BID					\$681,000.00		\$683,300.80		\$691,246.92
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS					\$43,268.00		\$53,268.00		\$43,268.00
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 – WS&amp;D FIELD CONDITIONS ITEMS</b>					<b>\$724,268.00</b>		<b>\$736,568.80</b>		<b>\$734,514.92</b>

LJA Engineering, Inc.

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)</b>									
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, L.P., 281.499.4539, COMPLETE IN PLACE	LS	1	\$11,975.00	\$11,975.00	\$11,975.00	\$11,975.00	\$11,975.00	\$11,975.00
2	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	3029	\$18.00	\$54,522.00	\$15.91	\$48,191.39	\$18.00	\$54,522.00
3	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	9	\$1,000.00	\$9,000.00	\$1,056.89	\$9,512.01	\$1,250.00	\$11,250.00
4	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	8	\$4,000.00	\$32,000.00	\$3,830.14	\$30,641.12	\$4,150.00	\$33,200.00
5	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1.69	\$3,000.00	\$5,070.00	\$3,674.11	\$6,209.25	\$2,500.00	\$4,225.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3029	\$1.00	\$3,029.00	\$0.14	\$424.06	\$0.25	\$757.25
7	8" PLUG & CLAMP, COMPLETE IN PLACE	EA	4	\$100.00	\$400.00	\$217.45	\$869.80	\$200.00	\$800.00
8	2" BLOW OFF VALVE & BOX ASSEMBLY, COMPLETE IN PLACE	EA	4	\$700.00	\$2,800.00	\$314.35	\$1,257.40	\$600.00	\$2,400.00
9	REMOVE AND DISPOSE OF EXISTING 8" PLUG AND CLAMP AND CONNECT PROPOSED 8" WATERLINE, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$400.00	\$800.00	\$558.38	\$1,116.76	\$300.00	\$600.00
10	SHORT SIDE DOUBLE OR SINGLE 1" CTS DR9 POLY TUBING WATER SERVICE LEADS, ALL DEPTHS, BACKFILL, METER BOX, CURB STOP, TAPS, AND ALL NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	27	\$600.00	\$16,200.00	\$457.56	\$12,354.12	\$450.00	\$12,150.00
11	LONG SIDE DOUBLE OR SINGLE 1" CTS DR9 POLY TUBING WATER SERVICE LEADS, ALL DEPTHS, BACKFILL, METER BOX, CURB STOP, TAPS, AND ALL NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	33	\$900.00	\$29,700.00	\$997.89	\$32,930.37	\$1,050.00	\$34,650.00
					<b>\$165,496.00</b>		<b>\$155,481.28</b>		<b>\$166,529.25</b>
<b>WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SU</b>									
<b>SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)</b>									
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	2085	\$22.00	\$45,870.00	\$30.33	\$63,238.05	\$23.00	\$47,955.00
2	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 12' – 16' DEPTH, COMPLETE IN PLACE	LF	451	\$31.00	\$13,981.00	\$34.27	\$15,455.77	\$25.75	\$11,613.25
3	STANDARD SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	11	\$2,900.00	\$31,900.00	\$2,973.88	\$32,712.68	\$3,950.00	\$43,450.00
4	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	4.99	\$230.00	\$1,147.70	\$272.68	\$1,360.67	\$360.00	\$1,796.40
5	5' DIAMETER SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	3	\$4,700.00	\$14,100.00	\$4,623.74	\$13,871.22	\$5,795.00	\$17,385.00
6	EXTRA VERTICAL DEPTH OF 5' DIAMETER STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	25.03	\$340.00	\$8,510.20	\$359.79	\$9,005.54	\$455.00	\$11,388.65
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	914	\$33.00	\$30,162.00	\$49.78	\$45,498.92	\$43.00	\$39,302.00
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	17	\$1,000.00	\$17,000.00	\$849.13	\$14,435.21	\$785.00	\$13,345.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
 TO SERVE SIENNA SECTION 34B  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 NOVEMBER 13, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 NOVEMBER 16, 2020  
 1416-1534BD (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) D. L. ELLIOTT ENTERPRISES, INC.		5) CE BARKER, LTD		6) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2536	\$1.00	\$2,536.00	\$0.01	\$25.36	\$2.00	\$5,072.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3450	\$1.00	\$3,450.00	\$0.14	\$483.00	\$0.10	\$345.00
11	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	14	\$1.00	\$14.00	\$0.01	\$0.14	\$500.00	\$7,000.00
12	REMOVE AND DISPOSE OF EXISTING 8" PLUG AND CONNECT PROPOSED SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$600.00	\$1,200.00	\$415.26	\$830.52	\$100.00	\$200.00
<b>SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6 SUBTO</b>					<b>\$169,870.90</b>		<b>\$196,917.08</b>		<b>\$198,852.30</b>
<b>DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)</b>									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	685	\$61.00	\$41,785.00	\$56.69	\$38,832.65	\$54.00	\$36,990.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	267	\$76.00	\$20,292.00	\$69.40	\$18,529.80	\$65.00	\$17,355.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1105	\$110.00	\$121,550.00	\$93.11	\$102,886.55	\$94.00	\$103,870.00
4	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	408	\$145.00	\$59,160.00	\$118.39	\$48,303.12	\$122.00	\$49,776.00
5	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	167	\$175.00	\$29,225.00	\$140.05	\$23,388.35	\$144.00	\$24,048.00
6	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	18	\$1,040.00	\$18,720.00	\$1,227.03	\$22,086.54	\$900.00	\$16,200.00
7	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	18	\$1,560.00	\$28,080.00	\$1,120.80	\$20,174.40	\$1,150.00	\$20,700.00
8	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	17	\$2,500.00	\$42,500.00	\$2,200.87	\$37,414.79	\$3,500.00	\$59,500.00
9	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$5,334.86	\$5,334.86	\$4,400.00	\$4,400.00
10	JUNCTION BOX WITH TYPE "C" MANHOLE PER DETAIL, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,600.00	\$4,600.00	\$7,707.47	\$7,707.47	\$5,100.00	\$5,100.00
11	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	\$9,823.39	\$9,823.39	\$15,461.68	\$15,461.68	\$8,000.00	\$8,000.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2632	\$1.00	\$2,632.00	\$0.14	\$368.48	\$0.25	\$658.00
13	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	5400	\$1.25	\$6,750.00	\$2.26	\$12,204.00	\$2.00	\$10,800.00
14	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	19	\$1.00	\$19.00	\$0.01	\$0.19	\$150.00	\$2,850.00
15	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
16	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$150.00	\$600.00	\$281.53	\$1,126.12	\$300.00	\$1,200.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
 TO SERVE SIENNA SECTION 34B  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 NOVEMBER 13, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 NOVEMBER 16, 2020  
 1416-1534BD (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) D. L. ELLIOTT ENTERPRISES, INC.		5) CE BARKER, LTD		6) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	ON GRATE INLET, AS PER CITY OF MISSOURI CITY SPECIFICATIONS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$1,300.00	\$2,600.00	\$2,687.79	\$5,375.58	\$1,800.00	\$3,600.00
18	REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$165.00	\$330.00	\$956.13	\$1,912.26	\$350.00	\$700.00
19	OVERFLOW DRAINAGE SWALE ALONG FUTURE R.O.W., 3:1 SIDE SLOPES WITH "V" BOTTOM, 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	768	\$2.00	\$1,536.00	\$6.64	\$5,099.52	\$16.00	\$12,288.00
20	COFFER DAM OR BLADDER AND TEMPORARY BYPASS PUMPING FOR DURATION OF PROJECT, BY ANY MEANS NECESSARY TO CONNECT PROPOSED STORM SEWER TO EXISTING SUBMERGED SYSTEM, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$10,358.07	\$10,358.07	\$5,000.00	\$5,000.00
21	DEMUCK, SCARIFY AND PROOFROLL EXISTING LOW AREA, AS PER SHEET 13 OF THE PLAN SET (APPROXIMATELY 4' DEEP), COMPLETE IN PLACE	SY	2890	\$2.00	\$5,780.00	\$4.39	\$12,687.10	\$3.50	\$10,115.00

**DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SUBTOTAL:**

**\$405,482.39** **\$390,751.53** **\$394,650.00**

**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	-\$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

**MISCELLANEOUS ITEMS SUBTOTAL:**

**\$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	\$60.00	\$6,000.00	\$20.00	\$2,000.00	\$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	\$1,000.00	\$2,000.00	\$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	852	\$25.00	\$21,300.00	\$20.00	\$17,040.00	\$20.00	\$17,040.00
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	\$20.00	\$2,000.00	\$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	\$1,000.00	\$2,000.00	\$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	451	\$20.00	\$9,020.00	\$12.00	\$5,412.00	\$12.00	\$5,412.00



