

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
TO SERVE SIENNA SECTION 33B
SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
JULY 23, 2020
LJA ENGINEERING, INC.
D. FORREST
JULY 23, 2020
1416-1533BD (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) PRINCIPAL SERVICES, LTD.	\$255,769.80	\$335,967.80
2) R CONSTRUCTION CIVIL	\$270,170.10	\$335,398.10
3) D. L. ELLIOTT ENTERPRISES, INC.	\$287,023.87	\$390,836.87
4) HARRIS CONSTRUCTION COMPANY, LTD.	\$291,044.25	\$381,872.25
5) CROSTEX CONSTRUCTION INC.	\$298,500.00	\$363,728.00
6) SCTX, LLC	\$312,254.20	\$377,482.20
7) TRIPLE B SERVICES, LLP	\$318,067.18	\$390,780.18

CALENDAR DAYS - 40/50

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



Amanda Carriage
7/20/20

LJA Engineering, Inc.

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ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD.		2) R CONSTRUCTION CIVIL		3) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)									
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$4,064.00	\$4,064.00	\$4,064.00	\$4,064.00	\$4,064.00	\$4,064.00
2	6" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	58	\$15.00	\$870.00	\$14.00	\$812.00	\$15.00	\$870.00
3	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	532	\$18.00	\$9,576.00	\$17.00	\$9,044.00	\$18.00	\$9,576.00
4	12" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	10	\$26.00	\$260.00	\$30.00	\$300.00	\$50.00	\$500.00
5	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$1,045.00	\$3,135.00	\$1,100.00	\$3,300.00	\$1,100.00	\$3,300.00
6	16" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$6,050.00	\$6,050.00	\$6,500.00	\$6,500.00	\$6,100.00	\$6,100.00
7	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$3,850.00	\$7,700.00	\$4,500.00	\$9,000.00	\$4,100.00	\$8,200.00
8	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	0.89	\$1,500.00	\$1,335.00	\$1,600.00	\$1,424.00	\$1,700.00	\$1,513.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	600	\$0.10	\$60.00	\$0.10	\$60.00	\$1.00	\$600.00
10	REMOVE AND DISPOSE OF EXISTING 8" PLUG AND CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$300.00	\$300.00	\$165.00	\$165.00
11	WET CONNECT (ALL SIZES), INCLUDES TEE AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$7,500.00	\$7,500.00	\$1,600.00	\$1,600.00
12	SHORT SIDE 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	7	\$500.00	\$3,500.00	\$400.00	\$2,800.00	\$750.00	\$5,250.00
13	LONG SIDE 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	9	\$1,070.00	\$9,630.00	\$900.00	\$8,100.00	\$1,000.00	\$9,000.00
14	SHORT SIDE SINGLE 1" CTS DR9 POLY TUBING WATER SERVICE LEADS, CONNECTING INTO EXISTING 8" WATERLINE, ALL DEPTHS, BACKFILL, METER BOX, CURB STOP, TAPS AND ALL NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	7	\$680.00	\$4,760.00	\$400.00	\$2,800.00	\$750.00	\$5,250.00
15	LONG SIDE SINGLE 1" CTS DR9 POLY TUBING WATER SERVICE LEADS, CONNECTING INTO EXISTING 8" WATERLINE, ALL DEPTHS, BACKFILL, METER BOX, CURB STOP, TAPS AND ALL NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	11	\$1,200.00	\$13,200.00	\$900.00	\$9,900.00	\$1,000.00	\$11,000.00
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SU					\$65,940.00	\$65,940.00			\$66,988.00
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)									
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	766	\$26.00	\$19,916.00	\$28.00	\$21,448.00	\$24.00	\$18,384.00
2	STANDARD SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	5	\$3,100.00	\$15,500.00	\$3,200.00	\$16,000.00	\$3,100.00	\$15,500.00
3	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	1.37	\$300.00	\$411.00	\$350.00	\$479.50	\$220.00	\$301.40
4	5' DIAMETER SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	1	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$5,600.00	\$5,600.00

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CONSTRUCTION OF WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE SIENNA SECTION 33B
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 JULY 23, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 JULY 23, 2020
 1416-1533BD (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD.		2) R CONSTRUCTION CIVIL		3) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	EXTRA VERTICAL DEPTH OF 5' DIAMETER STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	0.85	\$450.00	\$382.50	\$400.00	\$340.00	\$425.00	\$361.25
6	"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	390	\$29.00	\$11,310.00	\$45.00	\$17,550.00	\$40.00	\$15,600.00
7	"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	7	\$860.00	\$6,020.00	\$900.00	\$6,300.00	\$1,200.00	\$8,400.00
8	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	766	\$2.50	\$1,915.00	\$0.05	\$38.30	\$3.00	\$2,298.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1156	\$0.10	\$115.60	\$0.10	\$115.60	\$1.00	\$1,156.00
10	FINAL ADJUSTMENTS TO SANITARY MANHOLES, INCLUDING EXISTING MANHOLES WITHIN THE SECTION, EXISTING MANHOLES TO BE RECOATED TO CITY OF MISSOURI CITY STANDARDS BY CONTRACTOR, COMPLETE IN PLACE	EA	11	\$0.10	\$1.10	\$200.00	\$2,200.00	\$1.00	\$11.00
11	EXTRA DEPTH STANDARD SANITARY SEWER DROP STRUCTURE, AS PER CITY OF MISSOURI CITY STANDARDS, COMPLETE IN PLACE	VF	1.36	\$90.00	\$122.40	\$500.00	\$680.00	\$90.00	\$122.40
12	REMOVE AND DISPOSE OF EXISTING 8" SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$200.00	\$400.00	\$230.00	\$460.00
13	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	20	\$20.00	\$400.00	\$20.00	\$400.00	\$115.00	\$2,300.00
14	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	\$1,000.00	\$2,000.00
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SUBTC					\$61,993.60		\$71,151.40		\$72,494.05
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	476	\$55.00	\$26,180.00	\$60.00	\$28,560.00	\$55.00	\$26,180.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	731	\$68.00	\$49,708.00	\$65.00	\$47,515.00	\$82.00	\$59,942.00
3	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	9	\$980.00	\$8,820.00	\$950.00	\$8,550.00	\$1,040.00	\$9,360.00
4	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	9	\$1,365.00	\$12,285.00	\$1,400.00	\$12,600.00	\$1,560.00	\$14,040.00
5	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$2,030.00	\$18,270.00	\$2,400.00	\$21,600.00	\$2,600.00	\$23,400.00
6	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION OF WS&D (PERCENTAGE OF WS&D AND CLEARING AND GRUBBING CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$2,800.00	\$2,800.00	\$2,841.82	\$2,841.82
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1207	\$0.10	\$120.70	\$0.10	\$120.70	\$1.00	\$1,207.00

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 JULY 23, 2020
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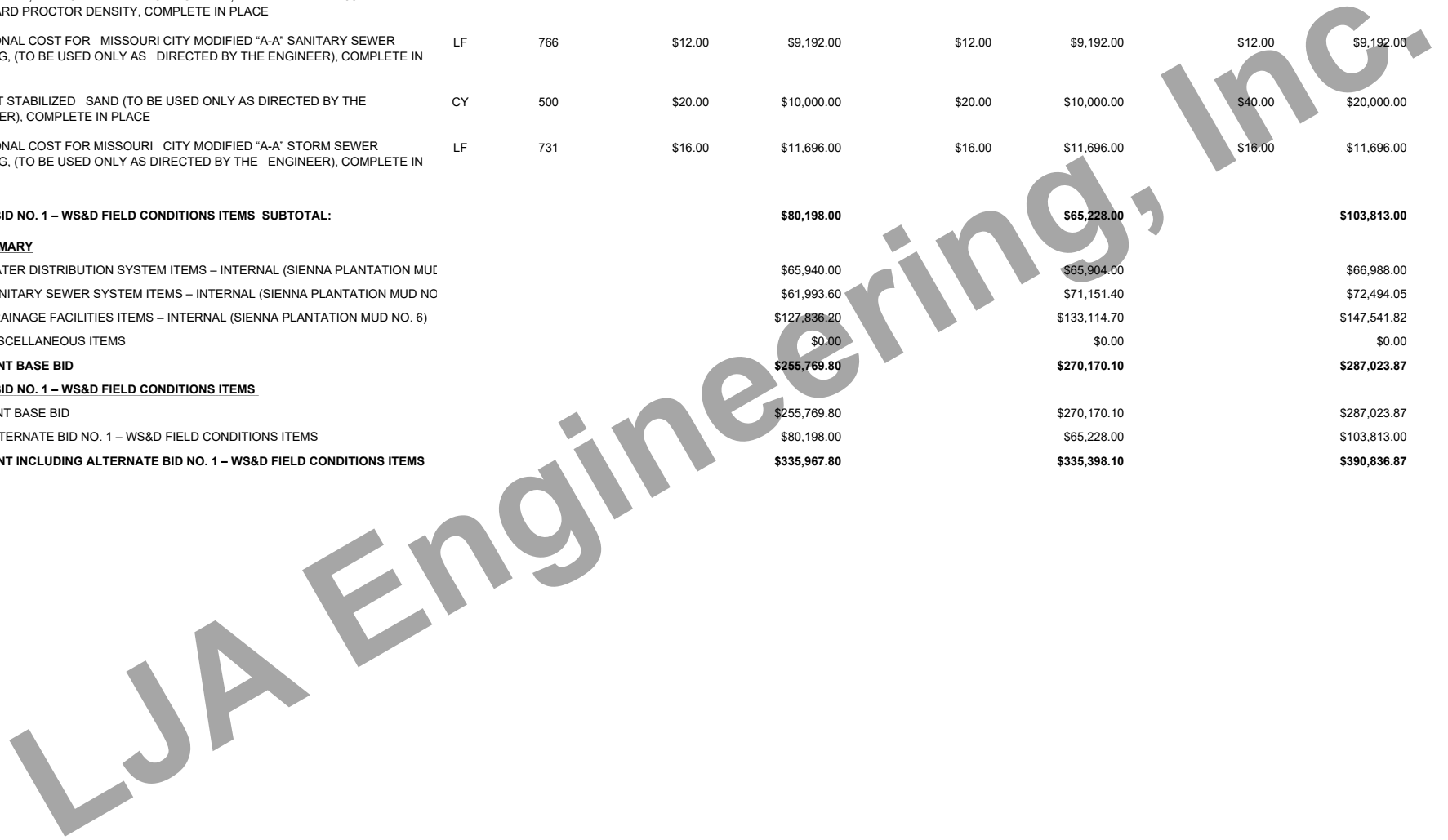
ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD.		2) R CONSTRUCTION CIVIL		3) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED FOR ONSITE FILL, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	1927	\$1.50	\$2,890.50	\$2.00	\$3,854.00	\$1.00	\$1,927.00
9	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	9	\$50.00	\$450.00	\$1.00	\$9.00	\$1.00	\$9.00
10	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	\$1,750.00	\$1,750.00
11	REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$500.00	\$500.00	\$175.00	\$175.00
12	REMOVE AND DISPOSE OF EXISTING "E" INLET TOP AND ADJUST EXISTING MANHOLE TO GRADE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$600.00	\$600.00	\$400.00	\$400.00
13	PROPOSED DRAINAGE SWALE ALONG HL&P EASEMENT 3:1 SIDE SWALES WITH "V" BOTTOM, INCLUDES EXCAVATION, HAULING, GRADING, HYDROMULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	802	\$3.50	\$2,807.00	\$3.00	\$2,406.00	\$5.00	\$4,010.00
14	TYPE "E" INLET PER CITY OF MISSOURI CITY STANDARDS, INLET TO TO BE FLUSH WITH NATURAL GROUND, COMPLETE IN PLACE	EA	1	\$1,705.00	\$1,705.00	\$2,500.00	\$2,500.00	\$2,300.00	\$2,300.00
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SUBTOTAL:					\$127,836.20		\$133,114.70		\$147,541.82
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	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$100.00	\$10,000.00
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	\$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	1497	\$30.00	\$44,910.00	\$20.00	\$29,940.00	\$25.00	\$37,425.00
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	\$115.00	\$11,500.00

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ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD.		2) R CONSTRUCTION CIVIL		3) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	\$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	766	\$12.00	\$9,192.00	\$12.00	\$9,192.00	\$12.00	\$9,192.00
7	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$40.00	\$20,000.00
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	731	\$16.00	\$11,696.00	\$16.00	\$11,696.00	\$16.00	\$11,696.00
ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS SUBTOTAL:					\$80,198.00	\$65,228.00		\$103,813.00	
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUI					\$65,940.00	\$65,904.00		\$66,988.00	
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NC					\$61,993.60	\$71,151.40		\$72,494.05	
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)					\$127,836.20	\$133,114.70		\$147,541.82	
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00	\$0.00		\$0.00	
TOTAL AMOUNT BASE BID					\$255,769.80	\$270,170.10		\$287,023.87	
<u>ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS</u>									
TOTAL AMOUNT BASE BID					\$255,769.80	\$270,170.10		\$287,023.87	
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS					\$80,198.00	\$65,228.00		\$103,813.00	
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS					\$335,967.80	\$335,398.10		\$390,836.87	



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4) HARRIS CONSTRUCTION COMPANY, LTD. 5) CROSTEX CONSTRUCTION INC. 6) SCTX, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)									
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$4,064.00	\$4,064.00	\$6,500.00	\$6,500.00	\$4,064.00	\$4,064.00
2	6" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	58	\$13.25	\$768.50	\$18.00	\$1,044.00	\$15.77	\$914.66
3	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	532	\$17.50	\$9,310.00	\$21.00	\$11,172.00	\$19.34	\$10,288.88
4	12" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	10	\$45.50	\$455.00	\$33.00	\$330.00	\$27.95	\$279.50
5	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$1,150.00	\$3,450.00	\$1,005.00	\$3,015.00	\$1,124.72	\$3,374.16
6	16" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$9,500.00	\$9,500.00	\$8,000.00	\$8,000.00	\$7,324.34	\$7,324.34
7	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$4,250.00	\$8,500.00	\$3,925.00	\$7,850.00	\$4,276.91	\$8,553.82
8	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	0.89	\$2,500.00	\$2,225.00	\$2,000.00	\$1,780.00	\$1,692.00	\$1,505.88
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	600	\$0.50	\$300.00	\$0.50	\$300.00	\$0.01	\$6.00
10	REMOVE AND DISPOSE OF EXISTING 8" PLUG AND CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$325.00	\$325.00	\$150.00	\$150.00	\$250.00	\$250.00
11	WET CONNECT (ALL SIZES), INCLUDES TEE AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$7,500.00	\$7,500.00	\$4,500.00	\$4,500.00	\$2,500.00	\$2,500.00
12	SHORT SIDE 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	7	\$350.00	\$2,450.00	\$425.00	\$2,975.00	\$813.06	\$5,691.42
13	LONG SIDE 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	9	\$725.00	\$6,525.00	\$900.00	\$8,100.00	\$1,075.87	\$9,682.83
14	SHORT SIDE SINGLE 1" CTS DR9 POLY TUBING WATER SERVICE LEADS, CONNECTING INTO EXISTING 8" WATERLINE, ALL DEPTHS, BACKFILL, METER BOX, CURB STOP, TAPS AND ALL NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	7	\$575.00	\$4,025.00	\$580.00	\$4,060.00	\$635.70	\$4,449.90
15	LONG SIDE SINGLE 1" CTS DR9 POLY TUBING WATER SERVICE LEADS, CONNECTING INTO EXISTING 8" WATERLINE, ALL DEPTHS, BACKFILL, METER BOX, CURB STOP, TAPS AND ALL NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	11	\$1,150.00	\$12,650.00	\$1,365.00	\$15,015.00	\$898.09	\$9,878.99
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SU					\$72,047.50		\$74,791.00		\$68,764.38
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)									
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	766	\$25.90	\$19,839.40	\$28.25	\$21,639.50	\$27.38	\$20,973.08
2	STANDARD SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	5	\$4,125.00	\$20,625.00	\$4,000.00	\$20,000.00	\$3,072.08	\$15,360.40
3	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	1.37	\$390.00	\$534.30	\$358.00	\$490.46	\$135.00	\$184.95
4	5' DIAMETER SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	1	\$6,315.00	\$6,315.00	\$5,100.00	\$5,100.00	\$3,899.53	\$3,899.53

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE SIENNA SECTION 33B
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 JULY 23, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 JULY 23, 2020
 1416-1533BD (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.		5) CROSTEX CONSTRUCTION INC.		6) SCTX, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	EXTRA VERTICAL DEPTH OF 5' DIAMETER STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	0.85	\$475.00	\$403.75	\$510.00	\$433.50	\$230.00	\$195.50
6	"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	390	\$39.25	\$15,307.50	\$35.50	\$13,845.00	\$41.94	\$16,356.60
7	"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	7	\$675.00	\$4,725.00	\$845.00	\$5,915.00	\$980.82	\$6,865.74
8	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	766	\$5.00	\$3,830.00	\$0.01	\$7.66	\$4.00	\$3,064.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1156	\$0.50	\$578.00	\$0.50	\$578.00	\$1.00	\$1,156.00
10	FINAL ADJUSTMENTS TO SANITARY MANHOLES, INCLUDING EXISTING MANHOLES WITHIN THE SECTION, EXISTING MANHOLES TO BE RECOATED TO CITY OF MISSOURI CITY STANDARDS BY CONTRACTOR, COMPLETE IN PLACE	EA	11	\$250.00	\$2,750.00	\$750.00	\$8,250.00	\$200.00	\$2,200.00
11	EXTRA DEPTH STANDARD SANITARY SEWER DROP STRUCTURE, AS PER CITY OF MISSOURI CITY STANDARDS, COMPLETE IN PLACE	VF	1.36	\$30.00	\$40.80	\$100.00	\$136.00	\$400.00	\$544.00
12	REMOVE AND DISPOSE OF EXISTING 8" SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$200.00	\$400.00	\$250.00	\$500.00	\$150.00	\$300.00
13	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	20	\$20.00	\$400.00	\$20.00	\$400.00	\$20.00	\$400.00
14	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
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SUBTC					\$75,948.75		\$77,495.12		\$71,699.80
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	476	\$57.60	\$27,417.60	\$57.00	\$27,132.00	\$68.04	\$32,387.04
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	731	\$65.90	\$48,172.90	\$69.00	\$50,439.00	\$82.67	\$60,431.77
3	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	9	\$975.00	\$8,775.00	\$1,900.00	\$17,100.00	\$1,523.68	\$13,713.12
4	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	9	\$1,275.00	\$11,475.00	\$500.00	\$4,500.00	\$1,265.18	\$11,386.62
5	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$3,300.00	\$29,700.00	\$2,450.00	\$22,050.00	\$2,352.06	\$21,168.54
6	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION OF WS&D (PERCENTAGE OF WS&D AND CLEARING AND GRUBBING CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$4,250.00	\$4,250.00	\$5,573.88	\$5,573.88	\$5,500.00	\$5,500.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1207	\$0.50	\$603.50	\$0.50	\$603.50	\$1.00	\$1,207.00

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 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 JULY 23, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 JULY 23, 2020
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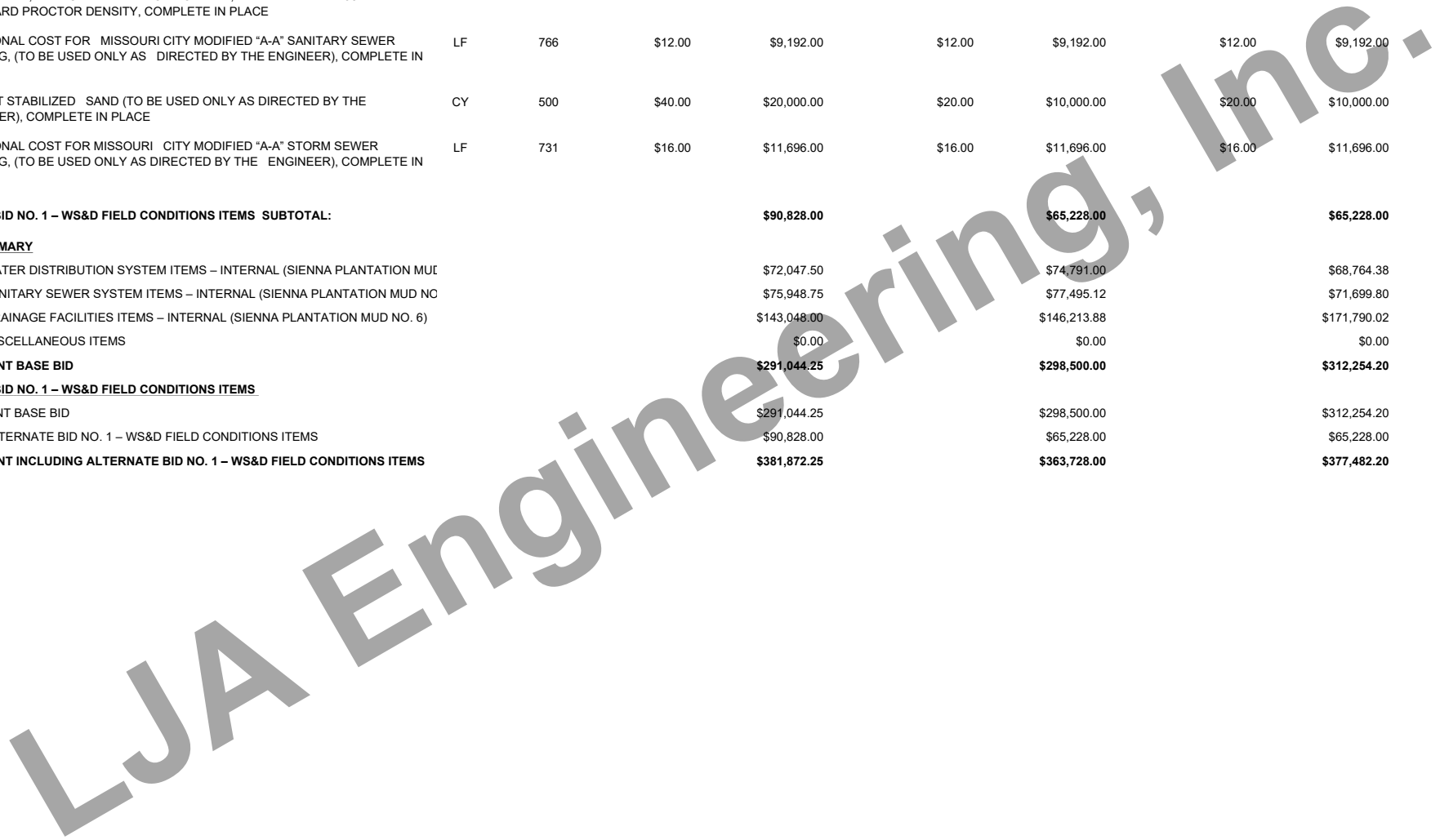
ITEM	DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.			5) CROSTEX CONSTRUCTION INC.		6) SCTX, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
8	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED FOR ONSITE FILL, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	1927	\$2.00	\$3,854.00	\$4.50	\$8,671.50	\$3.50	\$6,744.50	
9	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	9	\$150.00	\$1,350.00	\$50.00	\$450.00	\$175.00	\$1,575.00	
10	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	
11	REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$350.00	\$350.00	\$335.00	\$335.00	\$1,000.00	\$1,000.00	
12	REMOVE AND DISPOSE OF EXISTING "E" INLET TOP AND ADJUST EXISTING MANHOLE TO GRADE, COMPLETE IN PLACE	EA	1	\$995.00	\$995.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	
13	PROPOSED DRAINAGE SWALE ALONG HL&P EASEMENT 3:1 SIDE SWALES WITH "V" BOTTOM, INCLUDES EXCAVATION, HAULING, GRADING, HYDROMULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	802	\$2.50	\$2,005.00	\$4.50	\$3,609.00	\$15.00	\$12,030.00	
14	TYPE "E" INLET PER CITY OF MISSOURI CITY STANDARDS, INLET TO TO BE FLUSH WITH NATURAL GROUND, COMPLETE IN PLACE	EA	1	\$2,600.00	\$2,600.00	\$2,750.00	\$2,750.00	\$2,146.43	\$2,146.43	
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SUBTOTAL:					\$143,048.00		\$146,213.88		\$171,790.02	
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	1497	\$20.00	\$29,940.00	\$20.00	\$29,940.00	\$20.00	\$29,940.00	
4	BORE AND JACK OR AUGER (WET BORE) OF SANITARY SEWER, ALL DEPTHS, ALL SIZES, EXCLUDES LINE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$100.00	\$10,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00	

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE SIENNA SECTION 33B
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 JULY 23, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 JULY 23, 2020
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BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.		5) CROSTEX CONSTRUCTION INC.		6) SCTX, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	766	\$12.00	\$9,192.00	\$12.00	\$9,192.00	\$12.00	\$9,192.00
7	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$40.00	\$20,000.00	\$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	731	\$16.00	\$11,696.00	\$16.00	\$11,696.00	\$16.00	\$11,696.00
ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS SUBTOTAL:					\$90,828.00	\$65,228.00	\$65,228.00	\$65,228.00	
BIDDING SUMMARY									
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)					\$72,047.50	\$74,791.00	\$74,791.00	\$68,764.38	
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)					\$75,948.75	\$77,495.12	\$77,495.12	\$71,699.80	
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)					\$143,048.00	\$146,213.88	\$146,213.88	\$171,790.02	
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00	\$0.00	\$0.00	\$0.00	
TOTAL AMOUNT BASE BID					\$291,044.25	\$298,500.00	\$298,500.00	\$312,254.20	
ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS									
TOTAL AMOUNT BASE BID					\$291,044.25	\$298,500.00	\$298,500.00	\$312,254.20	
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS					\$90,828.00	\$65,228.00	\$65,228.00	\$65,228.00	
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS					\$381,872.25	\$363,728.00	\$363,728.00	\$377,482.20	



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LJA JOB NO.

7) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)					
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$4,064.00	\$4,064.00
2	6" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	58	\$27.20	\$1,577.60
3	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	532	\$27.35	\$14,550.20
4	12" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	10	\$82.00	\$820.00
5	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$1,375.00	\$4,125.00
6	16" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$6,400.00	\$6,400.00
7	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$4,250.00	\$8,500.00
8	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	0.89	\$0.01	\$0.01
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	600	\$0.01	\$6.00
10	REMOVE AND DISPOSE OF EXISTING 8" PLUG AND CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00
11	WET CONNECT (ALL SIZES), INCLUDES TEE AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$2,730.00	\$2,730.00
12	SHORT SIDE 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	7	\$335.00	\$2,345.00
13	LONG SIDE 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	9	\$700.00	\$6,300.00
14	SHORT SIDE SINGLE 1" CTS DR9 POLY TUBING WATER SERVICE LEADS, CONNECTING INTO EXISTING 8" WATERLINE, ALL DEPTHS, BACKFILL, METER BOX, CURB STOP, TAPS AND ALL NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	7	\$335.00	\$2,345.00
15	LONG SIDE SINGLE 1" CTS DR9 POLY TUBING WATER SERVICE LEADS, CONNECTING INTO EXISTING 8" WATERLINE, ALL DEPTHS, BACKFILL, METER BOX, CURB STOP, TAPS AND ALL NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	11	\$700.00	\$7,700.00
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SU					\$61,962.81
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)					
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	766	\$36.00	\$27,576.00
2	STANDARD SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	5	\$3,500.00	\$17,500.00
3	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	1.37	\$1.00	\$1.37
4	5' DIAMETER SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	1	\$4,885.00	\$4,885.00

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7) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
5	EXTRA VERTICAL DEPTH OF 5' DIAMETER STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	0.85	\$1.00	\$0.85
6	"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	390	\$29.65	\$11,563.50
7	"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	7	\$975.00	\$6,825.00
8	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	766	\$1.00	\$766.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1156	\$0.01	\$11.56
10	FINAL ADJUSTMENTS TO SANITARY MANHOLES, INCLUDING EXISTING MANHOLES WITHIN THE SECTION, EXISTING MANHOLES TO BE RECOATED TO CITY OF MISSOURI CITY STANDARDS BY CONTRACTOR, COMPLETE IN PLACE	EA	11	\$2,000.00	\$22,000.00
11	EXTRA DEPTH STANDARD SANITARY SEWER DROP STRUCTURE, AS PER CITY OF MISSOURI CITY STANDARDS, COMPLETE IN PLACE	VF	1.36	\$500.00	\$680.00
12	REMOVE AND DISPOSE OF EXISTING 8" SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$215.00	\$430.00
13	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	20	\$81.65	\$1,633.00
14	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	\$920.00	\$1,840.00
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SUBTC					\$95,712.28
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)					
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	476	\$65.70	\$31,273.20
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	731	\$81.15	\$59,320.65
3	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	9	\$1,665.00	\$14,985.00
4	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	9	\$1,210.00	\$10,890.00
5	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$3,135.00	\$28,215.00
6	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION OF WS&D (PERCENTAGE OF WS&D AND CLEARING AND GRUBBING CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$5,165.00	\$5,165.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1207	\$0.01	\$12.07

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE SIENNA SECTION 33B
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 JULY 23, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 JULY 23, 2020
 1416-1533BD (9.2)

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

7) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
8	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	1927	\$0.01	\$19.27
9	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	9	\$1.00	\$9.00
10	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	\$2,985.00	\$2,985.00
11	REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$350.00	\$350.00
12	REMOVE AND DISPOSE OF EXISTING "E" INLET TOP AND ADJUST EXISTING MANHOLE TO GRADE, COMPLETE IN PLACE	EA	1	\$1,560.00	\$1,560.00
13	PROPOSED DRAINAGE SWALE ALONG HL&P EASEMENT 3:1 SIDE SWALES WITH "V" BOTTOM, INCLUDES EXCAVATION, HAULING, GRADING, HYDROMULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	802	\$3.95	\$3,167.90
14	TYPE "E" INLET PER CITY OF MISSOURI CITY STANDARDS, INLET TO TO BE FLUSH WITH NATURAL GROUND, COMPLETE IN PLACE	EA	1	\$2,440.00	\$2,440.00

DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6) SUBTOTAL: \$160,392.09

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), 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

MISCELLANEOUS ITEMS SUBTOTAL: \$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, & FILLED WITH 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	EA	2	\$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	1497	\$25.00	\$37,425.00
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

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
TO SERVE SIENNA SECTION 33B
SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
JULY 23, 2020
LJA ENGINEERING, INC.
D. FORREST
JULY 23, 2020
1416-1533BD (9.2)

7) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
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
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	766	\$12.00	\$9,192.00
7	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$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	731	\$16.00	\$11,696.00

ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS SUBTOTAL: \$72,713.00

BIDDING SUMMARY

SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUI)	\$61,962.81
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)	\$95,712.28
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA PLANTATION MUD NO. 6)	\$160,392.09
SUBTOTAL MISCELLANEOUS ITEMS	\$0.00
TOTAL AMOUNT BASE BID	\$318,067.18
ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS	
TOTAL AMOUNT BASE BID	\$318,067.18
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS	\$72,713.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS	\$390,780.18

LJA Engineering, Inc.