

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
TO SERVE SUMMERHOUSE DRIVE STREET DEDICATION
SIENNA MUNICIPAL UTILITY DISTRICT NO. 7
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
APRIL 13, 2023
LJA ENGINEERING, INC.
C CORTEZ
APRIL 13, 2023
1417-2301A (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) HURTADO CONSTRUCTION COMPANY	\$588,235.02	\$898,895.02
2) CROSTEX CONSTRUCTION INC.	\$598,000.00	\$689,780.00
3) PRINCIPAL SERVICES, LTD	\$601,872.50	\$773,092.50
4) R CONSTRUCTION CIVIL, LLC	\$649,276.90	\$737,956.90

CALENDAR DAYS 40/50

Amanda Carriage

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



Amanda Carriage
4/26/23

LJA Engineering, Inc.

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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) CROSTEX CONSTRUCTION INC.		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 7)									
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, L.P., 281.499.4539, COMPLETE IN PLACE	LS	1	\$4,761.00	\$4,761.00	\$4,950.00	\$4,950.00	\$4,761.00	\$4,761.00
2	12" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1215	\$65.88	\$80,044.20	\$64.00	\$77,760.00	\$68.00	\$82,620.00
3	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	132	\$34.08	\$4,498.56	\$37.00	\$4,884.00	\$40.00	\$5,280.00
4	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$3,888.00	\$7,776.00	\$3,200.00	\$6,400.00	\$3,300.00	\$6,600.00
5	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$1,988.00	\$3,976.00	\$1,705.00	\$3,410.00	\$1,800.00	\$3,600.00
6	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$7,848.00	\$31,392.00	\$6,310.00	\$25,240.00	\$6,000.00	\$24,000.00
7	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1.2	\$3,688.00	\$4,425.60	\$3,900.00	\$4,680.00	\$3,000.00	\$3,600.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1347	\$0.18	\$242.46	\$0.05	\$67.35	\$0.10	\$134.70
9	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$328.00	\$328.00	\$340.00	\$340.00	\$500.00	\$500.00
10	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$198.00	\$396.00	\$200.00	\$400.00	\$300.00	\$600.00
11	2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	3	\$698.00	\$2,094.00	\$475.00	\$1,425.00	\$600.00	\$1,800.00
12	REMOVE AND DISPOSE OF EXISTING 12" PLUG AND CLAMP AND CONNECTION PROPOSED 12" WATERLINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$8.00	\$8.00	\$1,650.00	\$1,650.00	\$800.00	\$800.00
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 7) SUBTOTAL:					\$139,941.82		\$131,206.35		\$134,295.70
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 7)									
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	139	\$108.00	\$15,012.00	\$36.00	\$5,004.00	\$60.00	\$8,340.00
2	12" PVC SEWER PIPE, ASTM D2241, SDR 26, CLASS 160, OVER 20' IN DEPTH, COMPLETE IN PLACE	LF	1073	\$148.00	\$158,804.00	\$110.00	\$118,030.00	\$125.00	\$134,125.00
3	STANDARD SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	1	\$6,108.00	\$6,108.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00
4	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER & DEPTH), COMPLETE IN PLACE	VF	5.9	\$298.00	\$1,758.20	\$450.00	\$2,655.00	\$400.00	\$2,360.00
5	5' DIAMETER SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	7	\$7,468.00	\$52,276.00	\$7,100.00	\$49,700.00	\$7,000.00	\$49,000.00
6	EXTRA VERTICAL DEPTH OF 5' SANITARY SEWER MANHOLES (OVER & DEPTH), COMPLETE IN PLACE	VF	118	\$508.00	\$59,944.00	\$710.00	\$83,780.00	\$500.00	\$59,000.00
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	1	\$1,788.00	\$1,788.00	\$1,665.00	\$1,665.00	\$1,800.00	\$1,800.00
8	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1212	\$2.00	\$2,424.00	\$2.00	\$2,424.00	\$2.00	\$2,424.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE SUMMERHOUSE DRIVE STREET DEDICATION
 SIENNA MUNICIPAL UTILITY DISTRICT NO. 7
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 APRIL 13, 2023
 LJA ENGINEERING, INC.
 C CORTEZ
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 1417-2301A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) CROSTEX CONSTRUCTION INC.		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1212	\$0.88	\$1,066.56	\$0.10	\$121.20	\$0.10	\$121.20
10	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	8	\$8.00	\$64.00	\$100.00	\$800.00	\$1.00	\$8.00
11	SANITARY SEWER PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$80.00	\$240.00	\$250.00	\$750.00	\$100.00	\$300.00
12	STANDARD SANITARY SEWER DROP STRUCTURE, AS PER CITY OF MISSOURI CITY STANDARDS, COMPLETE IN PLACE	EA	2	\$1,848.00	\$3,696.00	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00
13	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER DROP STRUCTURE, AS PER CITY OF MISSOURI CITY STANDARDS, COMPLETE IN PLACE	VF	16.88	\$18.00	\$303.84	\$80.00	\$1,350.40	\$50.00	\$844.00
14	REMOVAL OF EXISTING 12" SANITARY PLUG AND CONNECT PROPOSED 12" SANITARY SEWER TO EXISTING SEWER LINE, COMPLETE IN PLACE	EA	1	\$80.00	\$80.00	\$3,000.00	\$3,000.00	\$300.00	\$300.00
15	CONCRETE ANCHORS TO ASSIST WITH MAINTAINING FLOWLINE OF SANITARY PIPE (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	20	\$10.00	\$200.00	\$500.00	\$10,000.00	\$125.00	\$2,500.00
16	TEMPORARY BYPASS PUMPING FOR DURATION OF THE PROJECT BY ANY MEANS NECESSARY TO CONNECT PROPOSED SANITARY SEWER TO EXISTING SANITARY LINE (AS SPECIFIED BY GEOTECH RECOMMENDATIONS), COMPLETE IN PLACE	LS	1	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$100.00	\$100.00
17	FINAL ADJUSTMENT TO EXISTING SANITARY SEWER MANHOLE AT SIENNA PARKWAY	EA	1	\$8.00	\$8.00	\$100.00	\$100.00	\$500.00	\$500.00
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 7) SUBTOTAL:					\$307,772.60		\$287,979.60		\$268,722.20
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 7)									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	901	\$78.00	\$70,278.00	\$77.00	\$69,377.00	\$87.00	\$78,387.00
2	30" C.G.M.P. FOR OUTFALL, 12 GAUGE, ASTM 742 STANDARD, ALL DEPTHS, COMPLETE IN PLACE	LF	85	\$98.00	\$8,330.00	\$99.00	\$8,415.00	\$130.00	\$11,050.00
3	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	2	\$1,068.00	\$2,136.00	\$2,000.00	\$4,000.00	\$1,200.00	\$2,400.00
4	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$1,488.00	\$2,976.00	\$900.00	\$1,800.00	\$2,100.00	\$4,200.00
5	STAGE I - STANDARD 10' PRECAST INLET, ALL DEPTHS (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE 1 INLETS), COMPLETE IN PLACE	EA	2	\$2,228.00	\$4,456.00	\$3,000.00	\$6,000.00	\$1,200.00	\$2,400.00
6	STAGE II - STANDARD 10' PRECAST INLET, ALL DEPTHS (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$2,688.00	\$5,376.00	\$1,000.00	\$2,000.00	\$2,500.00	\$5,000.00
7	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$2,908.00	\$20,356.00	\$3,300.00	\$23,100.00	\$2,400.00	\$16,800.00
8	30" C.G.M.P. STORM SEWER OUTFALL STRUCTURE, INCLUDES CONCRETE SLOPE PAVING WITH 5' TOE WALL ALONG FLOWLINE OF OYSTER CREEK, 3:1 SET, 2' TOE WALL ON ALL OTHER SIDES, INCLUDES TIMBER BENT AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$9,000.00	\$9,000.00	\$17,500.00	\$17,500.00	\$4,000.00	\$4,000.00

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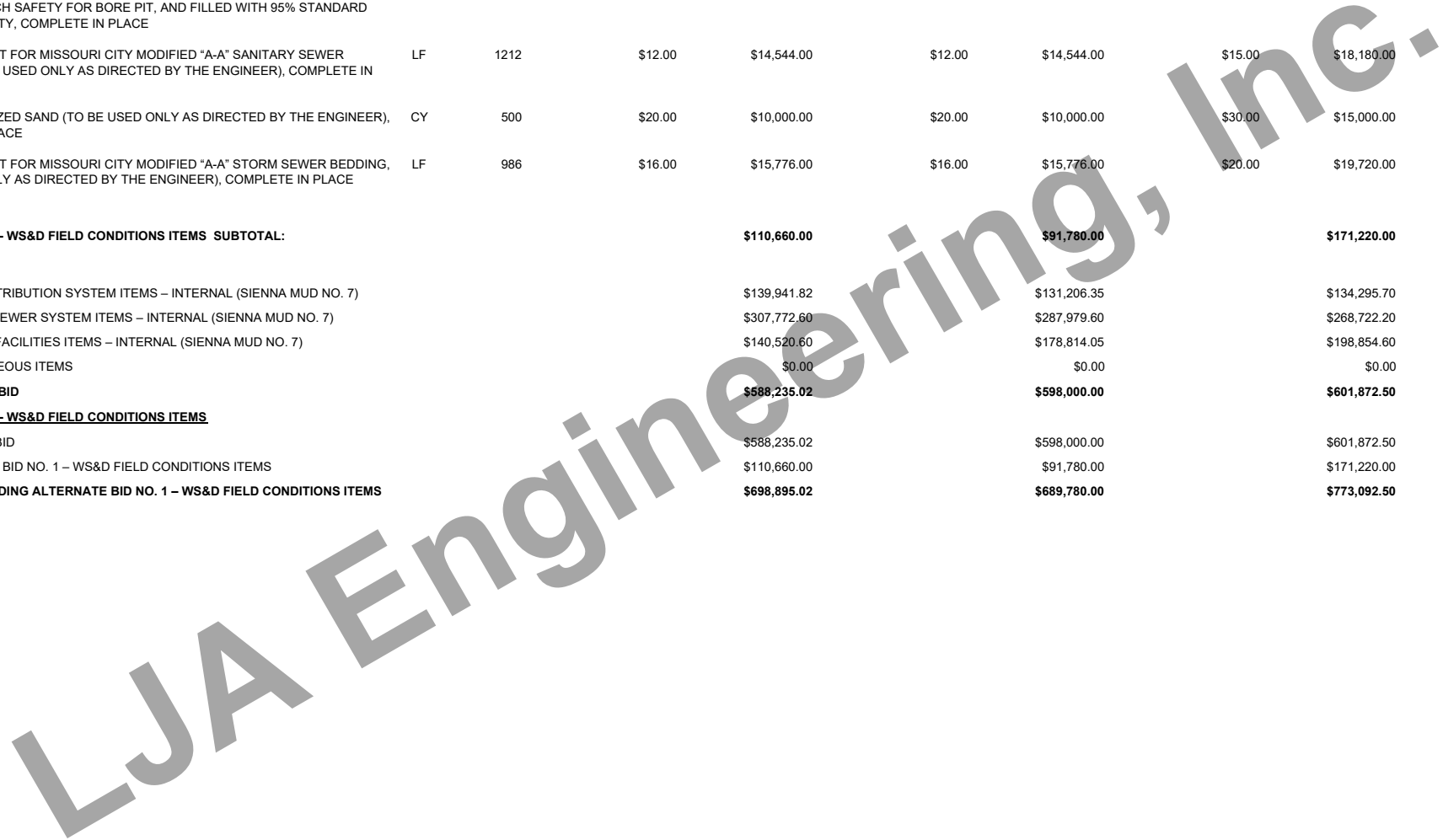
ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) CROSTEX CONSTRUCTION INC.		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION OF WS&D (PERCENTAGE OF WS&D CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$8,559.60	\$8,559.60	\$9,615.75	\$9,615.75	\$8,520.00	\$8,520.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	986	\$0.18	\$177.48	\$0.05	\$49.30	\$0.10	\$98.60
11	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	7	\$8.00	\$56.00	\$75.00	\$525.00	\$1.00	\$7.00
12	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE HAULED USING OFF ROAD TRUCKS 0.1 MILES TO ADJACENT SITE, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	2800	\$1.28	\$3,584.00	\$8.00	\$22,400.00	\$3.00	\$8,400.00
13	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
14	OVERFLOW DRAINAGE SWALE , 2' BOTTOM WIDTH, 3:1 SIDE SLOPES, CHANNEL LOCK OR APPROVED EQUAL, 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	264	\$6.68	\$1,763.52	\$40.00	\$10,560.00	\$205.00	\$54,120.00
15	CLEAN OUT AND TOTAL DESILTING OF STORM SEWER WITHIN THE SECTION UPON FINAL INSPECTION, COMPLETE IN PLACE	LF	986	\$2.00	\$1,972.00	\$2.00	\$1,972.00	\$2.00	\$1,972.00
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 7) SUBTOTAL:					\$140,520.60		\$178,814.05		\$198,854.60
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	\$150.00	\$15,000.00
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	\$250.00	\$500.00	\$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	2198	\$30.00	\$65,940.00	\$20.00	\$43,960.00	\$40.00	\$87,920.00
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	\$40.00	\$4,000.00	\$150.00	\$15,000.00

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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) CROSTEX CONSTRUCTION INC.		3) PRINCIPAL SERVICES, LTD	
				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	\$500.00	\$1,000.00	\$100.00	\$200.00
6	ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" SANITARY SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1212	\$12.00	\$14,544.00	\$12.00	\$14,544.00	\$15.00	\$18,180.00
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	\$30.00	\$15,000.00
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	986	\$16.00	\$15,776.00	\$16.00	\$15,776.00	\$20.00	\$19,720.00
ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS SUBTOTAL:					\$110,660.00	\$91,780.00	\$171,220.00		
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 7)					\$139,941.82	\$131,206.35	\$134,295.70		
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 7)					\$307,772.60	\$287,979.60	\$268,722.20		
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 7)					\$140,520.60	\$178,814.05	\$198,854.60		
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00	\$0.00	\$0.00		
TOTAL AMOUNT BASE BID					\$588,235.02	\$598,000.00	\$601,872.50		
<u>ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS</u>									
TOTAL AMOUNT BASE BID					\$588,235.02	\$598,000.00	\$601,872.50		
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS					\$110,660.00	\$91,780.00	\$171,220.00		
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS					\$698,895.02	\$689,780.00	\$773,092.50		



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4) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 7)					
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, L.P., 281.499.4539, COMPLETE IN PLACE	LS	1	\$4,761.00	\$4,761.00
2	12" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1215	\$65.00	\$78,975.00
3	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	132	\$40.00	\$5,280.00
4	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$3,400.00	\$6,800.00
5	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$1,900.00	\$3,800.00
6	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$6,500.00	\$26,000.00
7	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1.2	\$4,000.00	\$4,800.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1347	\$0.10	\$134.70
9	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00
10	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$200.00	\$400.00
11	2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	3	\$400.00	\$1,200.00
12	REMOVE AND DISPOSE OF EXISTING 12" PLUG AND CLAMP AND CONNECTION PROPOSED 12" WATERLINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$700.00	\$700.00
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 7) SUBTOTAL:					\$133,150.70
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 7)					
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	139	\$43.00	\$5,977.00
2	12" PVC SEWER PIPE, ASTM D2241, SDR 26, CLASS 160, OVER 20' IN DEPTH, COMPLETE IN PLACE	LF	1073	\$160.00	\$171,680.00
3	STANDARD SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	1	\$4,200.00	\$4,200.00
4	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER & DEPTH), COMPLETE IN PLACE	VF	5.9	\$400.00	\$2,360.00
5	5' DIAMETER SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	7	\$7,000.00	\$49,000.00
6	EXTRA VERTICAL DEPTH OF 5' SANITARY SEWER MANHOLES (OVER & DEPTH), COMPLETE IN PLACE	VF	118	\$500.00	\$59,000.00
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	1	\$1,800.00	\$1,800.00
8	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1212	\$2.00	\$2,424.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE SUMMERHOUSE DRIVE STREET DEDICATION
 SIENNA MUNICIPAL UTILITY DISTRICT NO. 7
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 APRIL 13, 2023
 LJA ENGINEERING, INC.
 C CORTEZ
 APRIL 13, 2023
 1417-2301A (9.2)

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

4) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1212	\$0.10	\$121.20
10	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	8	\$1.00	\$8.00
11	SANITARY SEWER PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$200.00	\$600.00
12	STANDARD SANITARY SEWER DROP STRUCTURE, AS PER CITY OF MISSOURI CITY STANDARDS, COMPLETE IN PLACE	EA	2	\$700.00	\$1,400.00
13	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER DROP STRUCTURE, AS PER CITY OF MISSOURI CITY STANDARDS, COMPLETE IN PLACE	VF	16.88	\$80.00	\$1,350.40
14	REMOVAL OF EXISTING 12" SANITARY PLUG AND CONNECT PROPOSED 12" SANITARY SEWER TO EXISTING SEWER LINE, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00
15	CONCRETE ANCHORS TO ASSIST WITH MAINTAINING FLOWLINE OF SANITARY PIPE (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	20	\$600.00	\$12,000.00
16	TEMPORARY BYPASS PUMPING FOR DURATION OF THE PROJECT BY ANY MEANS NECESSARY TO CONNECT PROPOSED SANITARY SEWER TO EXISTING SANITARY LINE (AS SPECIFIED BY GEOTECH RECOMMENDATIONS), COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00
17	FINAL ADJUSTMENT TO EXISTING SANITARY SEWER MANHOLE AT SIENNA PARKWAY	EA	1	\$1.00	\$1.00

SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 7) SUBTOTAL: \$327,221.60

DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 7)

1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	901	\$92.00	\$82,892.00
2	30" C.G.M.P. FOR OUTFALL, 12 GAUGE, ASTM 742 STANDARD, ALL DEPTHS, COMPLETE IN PLACE	LF	85	\$155.00	\$13,175.00
3	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	2	\$1,800.00	\$3,600.00
4	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$1,300.00	\$2,600.00
5	STAGE I - STANDARD 10' PRECAST INLET, ALL DEPTHS (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE 1 INLETS), COMPLETE IN PLACE	EA	2	\$1,200.00	\$2,400.00
6	STAGE II - STANDARD 10' PRECAST INLET, ALL DEPTHS (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00
7	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$4,500.00	\$31,500.00
8	30" C.G.M.P. STORM SEWER OUTFALL STRUCTURE, INCLUDES CONCRETE SLOPE PAVING WITH 5' TOE WALL ALONG FLOWLINE OF OYSTER CREEK, 3:1 SET, 2' TOE WALL ON ALL OTHER SIDES, INCLUDES TIMBER BENT AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$20,000.00	\$20,000.00

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 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 APRIL 13, 2023
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LJA JOB NO.

4) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
9	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	\$10,000.00	\$10,000.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	986	\$0.10	\$98.60
11	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	7	\$1.00	\$7.00
12	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE HAULED USING OFF ROAD TRUCKS 0.1 MILES TO ADJACENT SITE, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	2800	\$2.00	\$5,600.00
13	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
14	OVERFLOW DRAINAGE SWALE , 2' BOTTOM WIDTH, 3:1 SIDE SLOPES, CHANNEL LOCK OR APPROVED EQUAL, 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	264	\$40.00	\$10,560.00
15	CLEAN OUT AND TOTAL DESILTING OF STORM SEWER WITHIN THE SECTION UPON FINAL INSPECTION, COMPLETE IN PLACE	LF	986	\$2.00	\$1,972.00
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 7) SUBTOTAL:					\$188,904.60
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	2198	\$20.00	\$43,960.00
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

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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	1212	\$12.00	\$14,544.00
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	986	\$16.00	\$15,776.00

ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS SUBTOTAL: \$88,680.00

BIDDING SUMMARY

SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 7)	\$133,150.70
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 7)	\$327,221.60
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 7)	\$188,904.60
SUBTOTAL MISCELLANEOUS ITEMS	\$0.00
TOTAL AMOUNT BASE BID	\$649,276.90
<u>ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS</u>	
TOTAL AMOUNT BASE BID	\$649,276.90
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS	\$88,680.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS	\$737,956.90

LJA Engineering, Inc.