

BID TABULATION FOR:

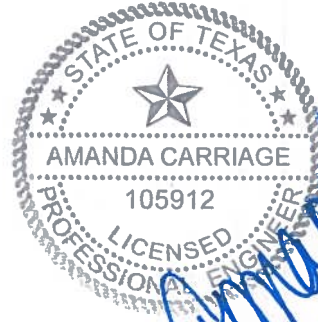
CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
TO SERVE SIENNA SECTION 48  
SIENNA MUNICIPAL UTILITY DISTRICT NO. 6  
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
JANUARY 6, 2022  
LJA ENGINEERING, INC.  
D. FORREST  
JANUARY 6, 2022  
1416-1548D (9.2)

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.	\$950,000.00	\$1,078,784.00
2) R CONSTRUCTION CIVIL	\$965,985.70	\$1,099,169.70

CALENDAR DAYS - 40/50

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



*Amanda Carriage*  
*1/6/22*

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA 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	\$21,250.00	\$21,250.00	\$16,043.00	\$16,043.00
2	6" PVC WATER LINE, C-900, DR 14, CL 305, ALL DEPTHS, COMPLETE IN PLACE	LF	86	\$29.25	\$2,515.50	\$32.00	\$2,752.00
3	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	2930	\$36.50	\$106,945.00	\$38.00	\$111,340.00
4	6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$1,160.00	\$2,320.00	\$1,570.00	\$3,140.00
5	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	19	\$1,700.00	\$32,300.00	\$2,100.00	\$39,900.00
6	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	7	\$5,450.00	\$38,150.00	\$6,200.00	\$43,400.00
7	DUCTILE IRON FITTINGS, COMPLETE IN PLACE	TON	2.05	\$4,400.00	\$9,020.00	\$4,000.00	\$8,200.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3016	\$0.05	\$150.80	\$0.10	\$301.60
9	8" PLUG & CLAMP, COMPLETE IN PLACE	EA	3	\$220.00	\$660.00	\$260.00	\$780.00
10	2" BLOW OFF VALVE & BOX ASSEMBLY, COMPLETE IN PLACE	EA	3	\$550.00	\$1,650.00	\$840.00	\$2,520.00
11	REMOVE AND DISPOSE OF EXISTING 8" PLUG AND CLAMP AND BLOW OFF VALVE WITH BOX AND CONNECT PROPOSED 8" WATERLINE, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$250.00	\$500.00	\$430.00	\$860.00
12	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	20	\$620.00	\$12,400.00	\$515.00	\$10,300.00
13	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	37	\$1,265.00	\$46,805.00	\$1,075.00	\$39,775.00
<b>WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 6) SUBTOTAL:</b>					<b>\$274,666.30</b>		<b>\$279,311.60</b>
<b>SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 6)</b>							
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	689	\$42.50	\$28,432.50	\$40.00	\$26,760.00
2	12" PVC SEWER PIPE, ASTM D2241, SDR 26, CLASS 160, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	1182	\$68.75	\$81,262.50	\$61.00	\$72,102.00
3	18" PVC SEWER PIPE, ASTM F 679, PS46, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	474	\$105.00	\$49,770.00	\$99.00	\$46,926.00
4	STANDARD SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	14	\$4,025.00	\$56,350.00	\$4,000.00	\$56,000.00
5	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	5.36	\$403.00	\$2,160.08	\$300.00	\$1,608.00
6	5' DIAMETER SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	4	\$5,900.00	\$23,600.00	\$5,800.00	\$23,200.00
7	EXTRA VERTICAL DEPTH OF 5' DIAMETER STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	4.16	\$590.00	\$2,454.40	\$475.00	\$1,976.00
8	"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	596	\$59.25	\$35,313.00	\$68.00	\$40,528.00

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	"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, DROP STRUCTURES, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	23	\$1,935.00	\$44,505.00	\$1,950.00	\$44,850.00
10	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2325	\$2.00	\$4,650.00	\$2.00	\$4,650.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	2921	\$0.10	\$292.10	\$0.10	\$292.10
12	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	18	\$150.00	\$2,700.00	\$1.00	\$18.00
13	REMOVE AND DISPOSE OF EXISTING 18" PLUG AND CONNECT PROPOSED SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$800.00	\$800.00
14	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$110.00	\$110.00
15	18" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$360.00	\$360.00
16	REMOVE AND DISPOSE OF EXISTING 12" PLUG AND CONNECT PROPOSED SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00	\$230.00	\$230.00
<b>SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 6) SUBTOTAL:</b>					<b>\$333,839.58</b>		<b>\$320,410.10</b>
<b>DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 6)</b>							
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1242	\$72.75	\$90,355.50	\$72.00	\$89,424.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	552	\$91.00	\$50,232.00	\$92.00	\$50,784.00
3	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	386	\$163.00	\$59,658.00	\$179.00	\$65,514.00
4	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	21	\$2,500.00	\$52,500.00	\$1,200.00	\$25,200.00
5	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	21	\$500.00	\$10,500.00	\$2,400.00	\$50,400.00
6	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$2,500.00	\$30,000.00	\$3,450.00	\$41,400.00
7	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	\$15,800.12	\$15,800.12	\$9,565.00	\$9,565.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	2160	\$0.05	\$108.00	\$0.10	\$216.00
9	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	12	\$100.00	\$1,200.00	\$1.00	\$12.00
10	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	4600	\$2.00	\$9,200.00	\$2.50	\$11,500.00
11	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
12	CLEAN OUT AND TOTAL DESILTING OF STORM SEWER WITHIN THE SECTION UPON FINAL INSPECTION, COMPLETE IN PLACE	LF	2160	\$2.00	\$4,320.00	\$2.00	\$4,320.00
13	TYPE "E" INLET OPEN ALL FOUR SIDES, (INCLUDES TEMPORARY SILT BARRIER FENCE), COMPLETE IN PLACE	EA	2	\$3,950.00	\$7,900.00	\$3,600.00	\$7,200.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	FINAL ADJUSTMENT OF EXISTING MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	4	\$100.00	\$400.00	\$110.00	\$440.00
15	PROPOSED DRAINAGE SWALE WITHIN RESERVE "A" AND "B", 3:1 SIDE SLOPES WITH V BOTTOM, INCLUDES HAULING, GRADING, HYDROMULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), SPOIL TO BE STOCKPILED ON THE LOTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	LF	2063	\$3.50	\$7,220.50	\$3.00	\$6,189.00
16	REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$150.00	\$600.00	\$650.00	\$2,600.00
<b>DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 6) SUBTOTAL:</b>					<b>\$341,494.12</b>		<b>\$366,264.00</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
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 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>MISCELLANEOUS ITEMS SUBTOTAL:</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	\$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	\$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	3368	\$20.00	\$67,360.00	\$20.00	\$67,360.00
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	\$75.00	\$7,500.00
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	\$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	1991	\$12.00	\$23,892.00	\$12.00	\$23,892.00
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
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	1377	\$16.00	\$22,032.00	\$16.00	\$22,032.00
<b>ALTERNATE BID NO. 1 – WS&amp;D FIELD CONDITIONS ITEMS SUBTOTAL:</b>					<b>\$128,784.00</b>		<b>\$133,184.00</b>

**BIDDING SUMMARY**

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
	SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 6)				\$274,666.30		\$279,311.60
	SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 6)				\$333,839.58		\$320,410.10
	SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 6)				\$341,494.12		\$366,264.00
	SUBTOTAL MISCELLANEOUS ITEMS				\$0.00		\$0.00
	<b>TOTAL AMOUNT BASE BID</b>				<b>\$950,000.00</b>		<b>\$965,985.70</b>
	<u>ALTERNATE BID NO. 1 – WS&amp;D FIELD CONDITIONS ITEMS</u>						
	TOTAL AMOUNT BASE BID				\$950,000.00		\$965,985.70
	SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS				\$128,784.00		\$133,184.00
	<b>TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 – WS&amp;D FIELD CONDITIONS ITEMS</b>				<b>\$1,078,784.00</b>		<b>\$1,099,169.70</b>

LJA Engineering, Inc.