

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES TO SERVE SIENNA SECTION 49
SIENNA MUNICIPAL UTILITY DISTRICT NO. 6
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
DECEMBER 17, 2021
LJA ENGINEERING, INC.
P.CHATTERJEE
DECEMBER 20, 2021
1416-1549D (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS
1) CROSTEX CONSTRUCTION INC.	\$1,194,000.00	\$1,321,312.00
2) R CONSTRUCTION CIVIL	\$1,256,143.10	\$1,386,455.10

CALENDAR DAYS 50/60

Scott Frankovich

I, Scott Frankovich, P.E., hereby certify these bid tabulations to be true and correct.



Scott Frankovich
12/20/2021

LJA Engineering, Inc.

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 6)							
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, L.P., 281.499.4539, COMPLETE IN PLACE	LS	1	\$21,000.00	\$21,000.00	\$18,387.00	\$18,387.00
2	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	3180	\$36.25	\$115,275.00	\$37.00	\$117,660.00
3	6" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	266	\$25.75	\$6,849.50	\$26.00	\$6,916.00
4	6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$1,090.00	\$1,090.00	\$1,450.00	\$1,450.00
5	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	14	\$1,580.00	\$22,120.00	\$1,900.00	\$26,600.00
6	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	11	\$5,200.00	\$57,200.00	\$5,700.00	\$62,700.00
7	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1.62	\$5,900.00	\$9,558.00	\$5,300.00	\$8,586.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3446	\$0.05	\$172.30	\$0.10	\$344.60
9	REMOVE AND DISPOSE OF EXISTING 8" PLUG AND CLAMP AND CONNECT PROPOSED 8" WATERLINE, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$200.00	\$800.00	\$400.00	\$1,600.00
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	29	\$585.00	\$16,965.00	\$470.00	\$13,630.00
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	67	\$1,245.00	\$83,415.00	\$1,035.00	\$69,345.00
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 6) SUBTOTAL:					\$334,444.80		\$327,218.60
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 6)							
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	1374	\$38.50	\$52,899.00	\$36.00	\$49,464.00
2	12" PVC SEWER PIPE, ASTM D2241, SDR 26, CLASS 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	1578	\$63.25	\$99,808.50	\$55.00	\$86,790.00
3	18" PVC SEWER PIPE, ASTM F 679, PS46, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	173	\$104.00	\$17,992.00	\$98.00	\$16,954.00
4	STANDARD SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	18	\$4,000.00	\$72,000.00	\$3,850.00	\$69,300.00
5	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER & DEPTH), COMPLETE IN PLACE	VF	0.31	\$400.00	\$124.00	\$2,700.00	\$837.00
6	5' DIAMETER SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	1	\$5,900.00	\$5,900.00	\$6,150.00	\$6,150.00
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	1157	\$58.50	\$67,684.50	\$62.00	\$71,734.00
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	33	\$2,230.00	\$73,590.00	\$2,200.00	\$72,600.00
9	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3125	\$2.00	\$6,250.00	\$2.00	\$6,250.00

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 SIENNA MUNICIPAL UTILITY DISTRICT NO. 6
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 DECEMBER 17, 2021
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 P.CHATTERJEE
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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4282	\$0.10	\$428.20	\$0.10	\$428.20
11	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	19	\$150.00	\$2,850.00	\$1.00	\$19.00
12	REMOVE AND DISPOSE OF EXISTING 18" PLUG AND CONNECT PROPOSED SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$755.00	\$755.00	\$750.00	\$750.00
13	REMOVE AND DISPOSE OF EXISTING 12" PLUG AND CONNECT PROPOSED SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$225.00	\$225.00
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 6 SUBTOTAL:					\$400,481.20		\$381,501.20
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 6)							
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	2071	\$72.00	\$149,112.00	\$71.00	\$147,041.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	59	\$90.00	\$5,310.00	\$103.00	\$6,077.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	86	\$123.25	\$10,599.50	\$143.00	\$12,298.00
4	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	132	\$161.75	\$21,351.00	\$185.00	\$24,420.00
5	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	18	\$2,250.00	\$40,500.00	\$850.00	\$15,300.00
6	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	18	\$500.00	\$9,000.00	\$2,350.00	\$42,300.00
7	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$3,100.00	\$46,500.00	\$4,100.00	\$61,500.00
8	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,500.00	\$7,000.00	\$6,000.00	\$12,000.00
9	42" CORRUGATED GALVANIZED METAL PIPE SEWER, FOR OUTFALL, 14 GAUGE, ASTM A-760 STANDARD, ALL DEPTHS, COMPLETE IN PLACE	LF	65	\$224.00	\$14,560.00	\$230.00	\$14,950.00
10	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	\$14,539.85	\$14,539.85	\$12,435.00	\$12,435.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2413	\$0.05	\$120.65	\$0.10	\$241.30
12	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	17	\$75.00	\$1,275.00	\$1.00	\$17.00
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	\$2.10	\$11,340.00
14	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
15	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	564	\$60.00	\$33,840.00	\$150.00	\$84,600.00
16	CLEAN OUT AND TOTAL DESILTING OF STORM SEWER WITHIN THE SECTION UPON FINAL INSPECTION, COMPLETE IN PLACE	LF	2413	\$2.00	\$4,826.00	\$2.00	\$4,826.00

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	42" C.G.M.P. STORM SEWER OUTFALL STRUCTURE, INCLUDES 4" CONCRETE SLOPE PAVING WITH 5' TOE WALL ALONG FLOWLINE OF CHANNEL 2, 3:1 SET, 2' TOE WALL ON ALL OTHER SIDES, TIMBER BENT, AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$19,500.00	\$19,500.00	\$18,600.00	\$18,600.00
18	REMOVE AND DISPOSE OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$150.00	\$900.00	\$625.00	\$3,750.00
19	REGRADE EXISTING "V" BOTTOM SWALES ALONG HIGHBANK OF CHANNEL 2 TO EXISTING CONDITIONS OR BETTER, COMPLETE IN PLACE	LF	50	\$3.50	\$175.00	\$30.00	\$1,500.00
20	STAGE I - STANDARD 10' PRECAST INLET, ALL DEPTHS (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE 1 INLETS), COMPLETE IN PLACE	EA	9	\$2,750.00	\$24,750.00	\$1,100.00	\$9,900.00
21	STAGE II - STANDARD 10' PRECAST INLET, ALL DEPTHS (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	9	\$500.00	\$4,500.00	\$4,050.00	\$36,450.00
22	FINAL ADJUSTMENTS OF EXISTING MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	9	\$75.00	\$675.00	\$160.00	\$1,440.00
23	DEMUCK, SCARIFY AND PROOFROLL EXISTING LOW AREA, AS PER SHEET 13 OF THE PLAN SET (APPROXIMATELY 3 FEET), COMPLETE IN PLACE	SY	6740	\$6.00	\$40,440.00	\$3.70	\$24,938.00
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 6) SUBTOTAL:					\$459,074.00		\$547,423.30
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
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
MISCELLANEOUS ITEMS SUBTOTAL:					\$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
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	\$250.00	\$500.00
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	3467	\$20.00	\$69,340.00	\$20.00	\$69,340.00
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	\$50.00	\$5,000.00
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	\$250.00	\$500.00	\$250.00	\$500.00

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	3125	\$12.00	\$37,500.00	\$12.00	\$37,500.00
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	342	\$16.00	\$5,472.00	\$16.00	\$5,472.00
ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS SUBTOTAL:					\$127,312.00	\$130,312.00	

BIDDING SUMMARY

SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 6)	\$334,444.80	\$327,218.60
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 6)	\$400,481.20	\$381,501.20
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 6)	\$459,074.00	\$547,423.30
SUBTOTAL MISCELLANEOUS ITEMS	\$0.00	\$0.00
TOTAL AMOUNT BASE BID	\$1,194,000.00	\$1,256,143.10
<u>ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS</u>		
TOTAL AMOUNT BASE BID	\$1,194,000.00	\$1,256,143.10
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS	\$127,312.00	\$130,312.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS	\$1,321,312.00	\$1,386,455.10

LJA Engineering, Inc.