

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 VILLAGE OF ANDERSON SPRINGS SECTION 22B
SIENNA MUNICIPAL UTILITY DISTRICT NO. 10
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
MARCH 12, 2024
LJA ENGINEERING, INC.
C CORTEZ
MARCH 12, 2024
1470-1122B (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS
1) PRINCIPAL SERVICES, LTD	\$886,411.35	\$1,004,907.35
2) CROSTEX CONSTRUCTION INC.	\$920,000.00	\$984,896.00
3) R CONSTRUCTION CIVIL, LLC	\$999,857.80	\$1,063,153.80
4) BLAZEY CONSTRUCTION SERVICES LLC	\$1,056,848.53	\$1,169,944.53

CALENDAR DAYS 50/60



Richard Stanfield Jr
3/13/2024

Richard Stanfield Jr

I, RICHARD STANFIELD, P.E., hereby certify these bid tabulations to be true and correct.

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				1) PRINCIPAL SERVICES, LTD		2) CROSTEX CONSTRUCTION INC.		3) R CONSTRUCTION CIVIL, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 10)									
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER JON BORDOVSKY, GBI PARTNERS, L.P., 281.499.4539, COMPLETE IN PLACE	LS	1	\$6,550.00	\$6,550.00	\$7,200.00	\$7,200.00	\$6,550.00	\$6,550.00
2	8" PVC WATERLINE, C-900, DDR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1250	\$35.00	\$43,750.00	\$34.00	\$42,500.00	\$36.00	\$45,000.00
3	12" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	35	\$64.00	\$2,240.00	\$65.00	\$2,275.00	\$77.00	\$2,695.00
4	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$2,046.00	\$6,138.00	\$1,870.00	\$5,610.00	\$2,100.00	\$6,300.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$7,508.00	\$15,016.00	\$7,000.00	\$14,000.00	\$6,600.00	\$13,200.00
6	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	0.7	\$4,758.00	\$3,330.60	\$6,500.00	\$4,550.00	\$5,400.00	\$3,780.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1285	\$0.10	\$128.50	\$0.05	\$64.25	\$0.10	\$128.50
8	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	14	\$500.00	\$7,000.00	\$685.00	\$9,590.00	\$925.00	\$12,950.00
9	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	24	\$1,000.00	\$24,000.00	\$1,330.00	\$31,920.00	\$1,800.00	\$43,200.00
10	REMOVE AND DISPOSE OF EXISTING 8" PLUG AND CLAMP AND CONNECTION PROPOSED 8" WATERLINE, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$658.00	\$1,316.00	\$1,500.00	\$3,000.00	\$275.00	\$550.00
11	REMOVE AND DISPOSE OF EXISTING 12" PLUG AND CLAMP AND BLOW-OFF VALVE AND CONNECT PROPOSED 12" WATERLINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$891.00	\$891.00	\$1,850.00	\$1,850.00	\$220.00	\$220.00
12	CONNECT PROPOSED WATER SERVICE LEAD TO EXISTING WATERLINE, INCLUDES 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	3	\$760.00	\$2,280.00	\$1,500.00	\$4,500.00	\$480.00	\$1,440.00
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 10) SUBTOTAL:					\$112,640.10		\$127,059.25		\$136,013.50
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 10)									
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	929	\$70.00	\$65,030.00	\$38.00	\$35,302.00	\$40.00	\$37,160.00
2	12" PVC SEWER PIPE, ASTM D2241, SDR 26, CLASS 160, 16' – 20' DEPTH, COMPLETE IN PLACE	LF	183	\$92.00	\$16,836.00	\$79.00	\$14,457.00	\$60.00	\$10,980.00
3	STANDARD SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	5	\$5,500.00	\$27,500.00	\$4,710.00	\$23,550.00	\$4,000.00	\$20,000.00
4	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	3.96	\$341.00	\$1,350.36	\$471.00	\$1,865.16	\$250.00	\$990.00
5	5' DIAMETER SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	3	\$6,141.00	\$18,423.00	\$7,000.00	\$21,000.00	\$6,050.00	\$18,150.00
6	EXTRA VERTICAL DEPTH OF 5' SANITARY SEWER MANHOLES (OVER 8' DEPTH), COMPLETE IN PLACE	VF	13.9	\$577.00	\$8,020.30	\$700.00	\$9,730.00	\$500.00	\$6,950.00
7	BREAK INTO EXISTING 30" SANITARY SEWER AND CONSTRUCT 6' SANITARY MANHOLE (16' - 20' DEPTH), COMPLETE IN PLACE	EA	1	\$10,471.00	\$10,471.00	\$30,000.00	\$30,000.00	\$8,000.00	\$8,000.00

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 SIENNA MUNICIPAL UTILITY DISTRICT NO. 10
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
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 LJA ENGINEERING, INC.
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 1470-1122B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) CROSTEX CONSTRUCTION INC.		3) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	EXTRA VERTICAL DEPTH OF 6" SANITARY SEWER MANHOLES (OVER 8' DEPTH), COMPLETE IN PLACE	VF	11.26	\$799.00	\$8,996.74	\$870.00	\$9,796.20	\$620.00	\$6,981.20
9	"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	716	\$45.00	\$32,220.00	\$43.00	\$30,788.00	\$45.00	\$32,220.00
10	"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	14	\$1,844.00	\$25,816.00	\$1,560.00	\$21,840.00	\$1,150.00	\$16,100.00
11	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1112	\$2.00	\$2,224.00	\$2.00	\$2,224.00	\$2.00	\$2,224.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1736	\$0.10	\$173.60	\$0.10	\$173.60	\$0.10	\$173.60
13	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	9	\$1.00	\$9.00	\$150.00	\$1,350.00	\$100.00	\$900.00
14	FINAL ADJUSTMENTS TO EXISTING SANITARY MANHOLES, COMPLETE IN PLACE	EA	5	\$1.00	\$5.00	\$150.00	\$750.00	\$250.00	\$1,250.00
15	STANDARD SANITARY SEWER DROP STRUCTURE AS PER CITY OF MISSOURI CITY STANDARDS, COMPLETE IN PLACE	EA	1	\$1,189.00	\$1,189.00	\$850.00	\$850.00	\$650.00	\$650.00
16	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER DROP STRUCTURE, AS PER CITY OF MISSOURI CITY STANDARDS, COMPLETE IN PLACE	VF	2.61	\$45.00	\$117.45	\$85.00	\$221.85	\$80.00	\$208.80
17	CORE INTO EXISTING 8" SANITARY SEWER AND CONNECT PROPOSED 6" SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$176.00	\$528.00	\$2,000.00	\$6,000.00	\$1,450.00	\$4,350.00
18	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 6" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$169.00	\$676.00	\$2,000.00	\$8,000.00	\$1,450.00	\$5,800.00
19	BORE AND JACK OR AUGER (WET BORE) OF 12" STEEL CASING FOR 6" SANITARY SEWER, ALL DEPTHS ALL SIZES, EXCLUDES LINE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	92	\$20.00	\$1,840.00	\$30.00	\$2,760.00	\$167.00	\$15,364.00
20	BORE PITS FOR SANITARY SEWER LINE BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT, & FILLED WITH 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	EA	4	\$100.00	\$400.00	\$250.00	\$1,000.00	\$100.00	\$400.00
21	12" ENCASEMENT FOR 6" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$58.00	\$5,336.00	\$90.00	\$8,280.00	\$53.00	\$4,876.00
22	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 12" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$382.00	\$382.00	\$2,000.00	\$2,000.00	\$1,450.00	\$1,450.00
23	REMOVE AND DISPOSE OF EXISTING 8" SANITARY SEWER LINE, COMPLETE IN PLACE	LF	163	\$2.00	\$326.00	\$50.00	\$8,150.00	\$13.00	\$2,119.00
24	TEMPORARY BYPASS PUMPING TO FACILITATE THE CONNECTION TO EXISTING SANITARY SYSTEM (TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$6,110.00	\$6,110.00	\$11,000.00	\$11,000.00
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 10) SUBTOTAL:					\$228,369.45		\$246,197.81		\$208,296.60

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 10)									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	929	\$105.00	\$97,545.00	\$84.00	\$78,036.00	\$84.00	\$78,036.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	500	\$112.00	\$56,000.00	\$107.00	\$53,500.00	\$104.00	\$52,000.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	44	\$157.00	\$6,908.00	\$147.00	\$6,468.00	\$172.00	\$7,568.00
4	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	21	\$227.00	\$4,767.00	\$195.00	\$4,095.00	\$202.00	\$4,242.00
5	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	143	\$386.00	\$55,198.00	\$430.00	\$61,490.00	\$330.00	\$47,190.00
6	54" C.G.M.P. STORM SEWER OUTFALL STRUCTURE, 3:1 SET, TIMBER BENT, AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,162.00	\$2,162.00	\$16,000.00	\$16,000.00	\$68,000.00	\$68,000.00
7	REMOVE AND DISPOSE OF EXISTING 24" STORM SEWER LINE, COMPLETE IN PLACE	LF	14	\$36.00	\$504.00	\$25.00	\$350.00	\$80.00	\$1,120.00
8	54" CORRUGATED GALVANIZED METAL PIPE SEWER, FOR OUTFALL, 14 GAUGE, ASTM A-760 STANDARD, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$241.00	\$22,172.00	\$211.00	\$19,412.00	\$360.00	\$33,120.00
9	BORE AND JACK OR AUGER (WET BORE) OF 54" R.C.P. STORM SEWER LINE, ALL DEPTHS ALL SIZES, EXCLUDES LINE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	30	\$20.00	\$600.00	\$20.00	\$600.00	\$1,075.00	\$32,250.00
10	BORE PITS FOR STORM SEWER 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	\$1,000.00	\$2,000.00	\$100.00	\$200.00
11	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$3,900.00	\$58,500.00	\$3,700.00	\$55,500.00	\$3,000.00	\$45,000.00
12	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$4,151.00	\$16,604.00	\$7,500.00	\$30,000.00	\$5,300.00	\$21,200.00
13	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	13	\$1,707.00	\$22,191.00	\$2,000.00	\$26,000.00	\$1,400.00	\$18,200.00
14	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	13	\$2,442.00	\$31,746.00	\$1,100.00	\$14,300.00	\$2,500.00	\$32,500.00
15	STAGE I - STANDARD 10' PRECAST INLET, ALL DEPTHS (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE 1 INLETS), COMPLETE IN PLACE	EA	2	\$1,539.00	\$3,078.00	\$3,000.00	\$6,000.00	\$1,850.00	\$3,700.00
16	STAGE II - STANDARD 10' PRECAST INLET, ALL DEPTHS (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$2,906.00	\$5,812.00	\$2,200.00	\$4,400.00	\$2,800.00	\$5,600.00
17	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION OF WS&D, COMPLETE IN PLACE	LS	1	\$11,759.00	\$11,759.00	\$13,167.99	\$13,167.99	\$11,759.00	\$11,759.00
18	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1697	\$0.10	\$169.70	\$0.05	\$84.85	\$0.10	\$169.70
19	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	19	\$1.00	\$19.00	\$100.00	\$1,900.00	\$100.00	\$1,900.00

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20	FINAL ADJUSTMENT TO EXISTING STORM SEWER MANHOLES WITHIN THE SECTION, ALL SIZES, COMPLETE IN PLACE	EA	2	\$1.00	\$2.00	\$125.00	\$250.00	\$300.00	\$600.00
21	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	4000	\$1.00	\$4,000.00	\$2.00	\$8,000.00	\$1.00	\$4,000.00
22	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
23	CLEAN OUT AND TOTAL DESILTING OF STORM SEWER WITHIN THE SECTION UPON FINAL INSPECTION, COMPLETE IN PLACE	LF	1727	\$2.00	\$3,454.00	\$2.00	\$3,454.00	\$2.00	\$3,454.00
24	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	178	\$159.00	\$28,302.00	\$35.00	\$6,230.00	\$7.00	\$1,246.00
25	ANY REQUIRED FORT BEND COUNTY PERMIT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00
26	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED 24" STORM SEWER, INCLUDES APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$329.00	\$329.00	\$1,250.00	\$1,250.00	\$650.00	\$650.00
27	4" REINFORCED CONCRETE SLOPE PAVING, TO INCLUDE 5' TOE WALL ALONG FLOWLINE OF DRAINAGE CHANNEL 7 AND 2' TOE AROUND ALL OTHER SIDES, TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	SY	382	\$113.00	\$43,166.00	\$125.00	\$47,750.00	\$117.00	\$44,694.00
28	DEMUCK, SCARIFY, AND PROOF ROLL APPROXIMATELY TO 2' DEEP AS STATED ON SHEET 13, COMPLETE IN PLACE	SY	3288	\$2.00	\$6,576.00	\$6.00	\$19,728.00	\$3.00	\$9,864.00
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 10) SUBTOTAL:					\$483,763.70		\$482,465.84		\$530,262.70
CLEARING & GRUBBING ITEMS (SIENNA MUD NO. 10) - WS&D ITEMS									
1	CLEARING AND GRUBBING OF HEAVILY WOODED WS&D SHARE OF STREET RIGHT-OF-WAY. INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.62	\$4,578.00	\$2,838.36	\$8,700.00	\$5,394.00	\$14,000.00	\$8,680.00
2	ADDITIONAL UNIT COST PER ACRE TO CHIP AND HAUL HEAVILY WOODED WS&D SHARE OF STREET RIGHT OF WAY (BID ITEM NO. 1) OUTSIDE THE LIMITS OF SIENNA DEVELOPMENT, (ONLY AREAS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.62	\$4,033.00	\$2,500.46	\$1.00	\$0.62	\$6,000.00	\$3,720.00
3	CLEARING AND GRUBBING OF HEAVILY WOODED PUBLIC UTILITY EASEMENTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.61	\$4,578.00	\$2,792.58	\$8,700.00	\$5,307.00	\$14,000.00	\$8,540.00
4	ADDITIONAL UNIT COST PER ACRE TO CHIP AND HAUL HEAVILY WOODED PUBLIC UTILITY EASEMENTS (BID ITEM NO. 3) OUTSIDE THE LIMITS OF SIENNA DEVELOPMENT, (ONLY AREAS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.61	\$4,033.00	\$2,460.13	\$1.00	\$0.61	\$6,000.00	\$3,660.00
5	CONTROL OF SURFACE WATER WITHIN CLEARING LIMITS AS NEEDED, INCLUDES CUTTING SWALES OR ANY OTHER MEANS NECESSARY TO ACHIEVE WORKABLE CONDITIONS WITHIN THE SITE (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$2,500.00	\$2,500.00	\$4,500.00	\$4,500.00
CLEARING & GRUBBING ITEMS (SIENNA MUD NO. 10) - WS&D ITEMS SUBTOTAL:					\$11,091.53		\$13,202.23		\$29,100.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE SIENNA VILLAGE OF ANDERSON SPRINGS SECTION 22B
 SIENNA MUNICIPAL UTILITY DISTRICT NO. 10
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 MARCH 12, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 MARCH 12, 2024
 1470-1122B (9.2)

				1) PRINCIPAL SERVICES, LTD		2) CROSTEX CONSTRUCTION INC.		3) R CONSTRUCTION CIVIL, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
CLEARING & GRUBBING ITEMS (SIENNA MUD NO. 10)- DEVELOPER ITEMS									
1	CLEARING AND GRUBBING OF HEAVILY WOODED PAVING SHARE OF STREET RIGHT-OF-WAY, INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.62	\$4,578.00	\$2,838.36	\$8,700.00	\$5,394.00	\$14,000.00	\$8,680.00
2	ADDITIONAL UNIT COST PER ACRE TO CHIP AND HAUL HEAVILY WOODED PAVING SHARE OF STREET RIGHT-OF-WAY (BID ITEM NO. 1) OUTSIDE THE LIMITS OF SIENNA DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.62	\$4,033.00	\$2,500.46	\$1.00	\$0.62	\$6,000.00	\$3,720.00
3	CLEARING AND GRUBBING OF HEAVILY WOODED PRIVATE UTILITY EASEMENTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.65	\$4,578.00	\$2,975.70	\$8,700.00	\$5,655.00	\$13,000.00	\$8,450.00
4	ADDITIONAL UNIT COST PER ACRE TO CHIP AND HAUL HEAVILY WOODED PRIVATE UTILITY EASEMENTS, (BID ITEM NO. 3) OUTSIDE THE LIMITS OF SIENNA DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.65	\$4,033.00	\$2,621.45	\$1.00	\$0.65	\$5,500.00	\$3,575.00
5	CLEARING AND GRUBBING OF HEAVILY WOODED LOTS, INCLUDES REMOVING ALL STUMPS AND RO OTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	4.6	\$4,578.00	\$21,058.80	\$8,700.00	\$40,020.00	\$7,800.00	\$35,880.00
6	ADDITIONAL UNIT COST PER ACRE TO CHIP AND HAUL HEAVILY WOODED LOTS, (BID ITEM NO. 5) OUTSIDE THE LIMITS OF SIENNA DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	4.6	\$4,033.00	\$18,551.80	\$1.00	\$4.60	\$7,800.00	\$35,880.00
CLEARING & GRUBBING ITEMS (SIENNA MUD NO. 10)- DEVELOPER ITEMS SUBTOTAL:					\$50,546.57		\$51,074.87		\$96,185.00
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	\$200.00	\$20,000.00	\$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	\$100.00	\$200.00	\$500.00	\$1,000.00	\$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	1420	\$30.00	\$42,600.00	\$20.00	\$28,400.00	\$20.00	\$28,400.00
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	\$250.00	\$25,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00

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SIENNA MUNICIPAL UTILITY DISTRICT NO. 10
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
MARCH 12, 2024
LJA ENGINEERING, INC.
C CORTEZ
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1470-1122B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) CROSTEX CONSTRUCTION INC.		3) R CONSTRUCTION CIVIL, 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	\$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	556	\$12.00	\$6,672.00	\$12.00	\$6,672.00	\$12.00	\$6,672.00
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	\$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	864	\$16.00	\$13,824.00	\$16.00	\$13,824.00	\$16.00	\$13,824.00
ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS SUBTOTAL:					\$118,496.00		\$64,896.00		\$63,296.00
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 10)					\$112,640.10		\$127,059.25		\$136,013.50
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 10)					\$228,369.45		\$246,197.81		\$208,296.60
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 10)					\$483,763.70		\$482,465.84		\$530,262.70
SUBTOTAL CLEARING & GRUBBING ITEMS (SIENNA MUD NO. 10) - WS&D ITEMS					\$11,091.53		\$13,202.23		\$29,100.00
SUBTOTAL CLEARING & GRUBBING ITEMS (SIENNA MUD NO. 10)- DEVELOPER ITEMS					\$50,546.57		\$51,074.87		\$96,185.00
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00		\$0.00		\$0.00
TOTAL AMOUNT BASE BID					\$886,411.35		\$920,000.00		\$999,857.80
<u>ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS</u>									
TOTAL AMOUNT BASE BID					\$886,411.35		\$920,000.00		\$999,857.80
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS					\$118,496.00		\$64,896.00		\$63,296.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS					\$1,004,907.35		\$984,896.00		\$1,063,153.80

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 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 MARCH 12, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 MARCH 12, 2024
 1470-1122B (9.2)

4) BLAZEY CONSTRUCTION SERVICES LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 10)					
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER JON BORDOVSKY, GBI PARTNERS, L.P., 281.499.4539, COMPLETE IN PLACE	LS	1	\$6,550.00	\$6,550.00
2	8" PVC WATERLINE, C-900, DDR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1250	\$35.00	\$43,750.00
3	12" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	35	\$62.00	\$2,170.00
4	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$2,250.00	\$6,750.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, FLUSHING VALVE AND TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$7,300.00	\$14,600.00
6	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	0.7	\$5,200.00	\$3,640.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1285	\$0.11	\$141.35
8	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	14	\$760.00	\$10,640.00
9	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	24	\$1,250.00	\$30,000.00
10	REMOVE AND DISPOSE OF EXISTING 8" PLUG AND CLAMP AND CONNECTION PROPOSED 8" WATERLINE, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$570.00	\$1,140.00
11	REMOVE AND DISPOSE OF EXISTING 12" PLUG AND CLAMP AND BLOW-OFF VALVE AND CONNECT PROPOSED 12" WATERLINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$350.00	\$350.00
12	CONNECT PROPOSED WATER SERVICE LEAD TO EXISTING WATERLINE, INCLUDES 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	3	\$1,100.00	\$3,300.00
WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 10) SUBTOTAL:					\$123,031.35
SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 10)					
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' – 12' DEPTH, COMPLETE IN PLACE	LF	929	\$46.00	\$42,734.00
2	12" PVC SEWER PIPE, ASTM D2241, SDR 26, CLASS 160, 16' - 20' DEPTH, COMPLETE IN PLACE	LF	183	\$81.00	\$14,823.00
3	STANDARD SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	5	\$4,100.00	\$20,500.00
4	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	3.96	\$400.00	\$1,584.00
5	5' DIAMETER SANITARY SEWER MANHOLE, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	3	\$6,000.00	\$18,000.00
6	EXTRA VERTICAL DEPTH OF 5' SANITARY SEWER MANHOLES (OVER 8' DEPTH), COMPLETE IN PLACE	VF	13.9	\$550.00	\$7,645.00
7	BREAK INTO EXISTING 30" SANITARY SEWER AND CONSTRUCT 6' SANITARY MANHOLE (16' - 20' DEPTH), COMPLETE IN PLACE	EA	1	\$19,000.00	\$19,000.00

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4) BLAZEY CONSTRUCTION SERVICES LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
8	EXTRA VERTICAL DEPTH OF 6" SANITARY SEWER MANHOLES (OVER 8' DEPTH), COMPLETE IN PLACE	VF	11.26	\$800.00	\$9,008.00
9	"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	716	\$65.00	\$46,540.00
10	"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	14	\$1,550.00	\$21,700.00
11	T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1112	\$2.50	\$2,780.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1736	\$0.11	\$190.96
13	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	9	\$370.00	\$3,330.00
14	FINAL ADJUSTMENTS TO EXISTING SANITARY MANHOLES, COMPLETE IN PLACE	EA	5	\$620.00	\$3,100.00
15	STANDARD SANITARY SEWER DROP STRUCTURE AS PER CITY OF MISSOURI CITY STANDARDS, COMPLETE IN PLACE	EA	1	\$1,400.00	\$1,400.00
16	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER DROP STRUCTURE, AS PER CITY OF MISSOURI CITY STANDARDS, COMPLETE IN PLACE	VF	2.61	\$55.00	\$143.55
17	CORE INTO EXISTING 8" SANITARY SEWER AND CONNECT PROPOSED 6" SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$1,400.00	\$4,200.00
18	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 6" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,800.00	\$7,200.00
19	BORE AND JACK OR AUGER (WET BORE) OF 12" STEEL CASING FOR 6" SANITARY SEWER, ALL DEPTHS ALL SIZES, EXCLUDES LINE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	92	\$90.00	\$8,280.00
20	BORE PITS FOR SANITARY SEWER LINE BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT, & FILLED WITH 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	EA	4	\$900.00	\$3,600.00
21	12" ENCASEMENT FOR 6" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$55.00	\$5,060.00
22	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 12" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,900.00	\$1,900.00
23	REMOVE AND DISPOSE OF EXISTING 8" SANITARY SEWER LINE, COMPLETE IN PLACE	LF	163	\$35.00	\$5,705.00
24	TEMPORARY BYPASS PUMPING TO FACILITATE THE CONNECTION TO EXISTING SANITARY SYSTEM (TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$5,700.00	\$5,700.00

SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 10) SUBTOTAL:**\$254,123.51**

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 C CORTEZ
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 1470-1122B (9.2)

4) BLAZEY CONSTRUCTION SERVICES LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 10)					
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	929	\$88.00	\$81,752.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	500	\$110.00	\$55,000.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	44	\$153.00	\$6,732.00
4	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	21	\$210.00	\$4,410.00
5	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	143	\$264.00	\$37,752.00
6	54" C.G.M.P. STORM SEWER OUTFALL STRUCTURE, 3:1 SET, TIMBER BENT, AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$36,000.00	\$36,000.00
7	REMOVE AND DISPOSE OF EXISTING 24" STORM SEWER LINE, COMPLETE IN PLACE	LF	14	\$40.00	\$560.00
8	54" CORRUGATED GALVANIZED METAL PIPE SEWER, FOR OUTFALL, 14 GAUGE, ASTM A-760 STANDARD, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$310.00	\$28,520.00
9	BORE AND JACK OR AUGER (WET BORE) OF 54" R.C.P. STORM SEWER LINE, ALL DEPTHS ALL SIZES, EXCLUDES LINE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	30	\$1,300.00	\$39,000.00
10	BORE PITS FOR STORM SEWER 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	\$1,400.00	\$2,800.00
11	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$3,500.00	\$52,500.00
12	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$6,100.00	\$24,400.00
13	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	13	\$1,600.00	\$20,800.00
14	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	13	\$2,100.00	\$27,300.00
15	STAGE I - STANDARD 10' PRECAST INLET, ALL DEPTHS (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE 1 INLETS), COMPLETE IN PLACE	EA	2	\$2,600.00	\$5,200.00
16	STAGE II - STANDARD 10' PRECAST INLET, ALL DEPTHS (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$4,100.00	\$8,200.00
17	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION OF WS&D, COMPLETE IN PLACE	LS	1	\$11,759.00	\$11,759.00
18	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1697	\$0.11	\$186.67
19	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	19	\$320.00	\$6,080.00

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4) BLAZEY CONSTRUCTION SERVICES LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
20	FINAL ADJUSTMENT TO EXISTING STORM SEWER MANHOLES WITHIN THE SECTION, ALL SIZES, COMPLETE IN PLACE	EA	2	\$660.00	\$1,320.00
21	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	4000	\$3.50	\$14,000.00
22	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	\$3,200.00	\$3,200.00
23	CLEAN OUT AND TOTAL DESILTING OF STORM SEWER WITHIN THE SECTION UPON FINAL INSPECTION, COMPLETE IN PLACE	LF	1727	\$10.00	\$17,270.00
24	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	178	\$15.00	\$2,670.00
25	ANY REQUIRED FORT BEND COUNTY PERMIT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00
26	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED 24" STORM SEWER, INCLUDES APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00
27	4" REINFORCED CONCRETE SLOPE PAVING, TO INCLUDE 5' TOE WALL ALONG FLOWLINE OF DRAINAGE CHANNEL 7 AND 2' TOE AROUND ALL OTHER SIDES, TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	SY	382	\$98.00	\$37,436.00
28	DEMUCK, SCARIFY, AND PROOF ROLL APPROXIMATELY TO 2' DEEP AS STATED ON SHEET 13, COMPLETE IN PLACE	SY	3288	\$4.50	\$14,796.00

DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 10) SUBTOTAL:**\$541,143.67****CLEARING & GRUBBING ITEMS (SIENNA MUD NO. 10) - WS&D ITEMS**

1	CLEARING AND GRUBBING OF HEAVILY WOODED WS&D SHARE OF STREET RIGHT-OF-WAY. INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.62	\$10,000.00	\$6,200.00
2	ADDITIONAL UNIT COST PER ACRE TO CHIP AND HAUL HEAVILY WOODED WS&D SHARE OF STREET RIGHT OF WAY (BID ITEM NO. 1) OUTSIDE THE LIMITS OF SIENNA DEVELOPMENT, (ONLY AREAS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.62	\$8,500.00	\$5,270.00
3	CLEARING AND GRUBBING OF HEAVILY WOODED PUBLIC UTILITY EASEMENTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.61	\$10,000.00	\$6,100.00
4	ADDITIONAL UNIT COST PER ACRE TO CHIP AND HAUL HEAVILY WOODED PUBLIC UTILITY EASEMENTS (BID ITEM NO. 3) OUTSIDE THE LIMITS OF SIENNA DEVELOPMENT, (ONLY AREAS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.61	\$8,500.00	\$5,185.00
5	CONTROL OF SURFACE WATER WITHIN CLEARING LIMITS AS NEEDED, INCLUDES CUTTING SWALES OR ANY OTHER MEANS NECESSARY TO ACHIEVE WORKABLE CONDITIONS WITHIN THE SITE (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$7,200.00	\$7,200.00

CLEARING & GRUBBING ITEMS (SIENNA MUD NO. 10) - WS&D ITEMS SUBTOTAL:**\$29,955.00**

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
TO SERVE SIENNA VILLAGE OF ANDERSON SPRINGS SECTION 22B
SIENNA MUNICIPAL UTILITY DISTRICT NO. 10
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
MARCH 12, 2024
LJA ENGINEERING, INC.
C CORTEZ
MARCH 12, 2024
1470-1122B (9.2)

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

4) BLAZEY CONSTRUCTION SERVICES LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
CLEARING & GRUBBING ITEMS (SIENNA MUD NO. 10)- DEVELOPER ITEMS					
1	CLEARING AND GRUBBING OF HEAVILY WOODED PAVING SHARE OF STREET RIGHT-OF-WAY, INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.62	\$10,000.00	\$6,200.00
2	ADDITIONAL UNIT COST PER ACRE TO CHIP AND HAUL HEAVILY WOODED PAVING SHARE OF STREET RIGHT-OF-WAY (BID ITEM NO. 1) OUTSIDE THE LIMITS OF SIENNA DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.62	\$8,500.00	\$5,270.00
3	CLEARING AND GRUBBING OF HEAVILY WOODED PRIVATE UTILITY EASEMENTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.65	\$10,000.00	\$6,500.00
4	ADDITIONAL UNIT COST PER ACRE TO CHIP AND HAUL HEAVILY WOODED PRIVATE UTILITY EASEMENTS, (BID ITEM NO. 3) OUTSIDE THE LIMITS OF SIENNA DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.65	\$8,500.00	\$5,525.00
5	CLEARING AND GRUBBING OF HEAVILY WOODED LOTS, INCLUDES REMOVING ALL STUMPS AND ROOTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	4.6	\$10,000.00	\$46,000.00
6	ADDITIONAL UNIT COST PER ACRE TO CHIP AND HAUL HEAVILY WOODED LOTS, (BID ITEM NO. 5) OUTSIDE THE LIMITS OF SIENNA DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	4.6	\$8,500.00	\$39,100.00
CLEARING & GRUBBING ITEMS (SIENNA MUD NO. 10)- DEVELOPER ITEMS SUBTOTAL:					\$108,595.00
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
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	\$300.00	\$600.00
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	1420	\$50.00	\$71,000.00
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	\$30.00	\$3,000.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
TO SERVE SIENNA VILLAGE OF ANDERSON SPRINGS SECTION 22B
SIENNA MUNICIPAL UTILITY DISTRICT NO. 10
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
MARCH 12, 2024
LJA ENGINEERING, INC.
C CORTEZ
MARCH 12, 2024
1470-1122B (9.2)

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

4) BLAZEY CONSTRUCTION SERVICES LLC

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	\$500.00	\$1,000.00
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	556	\$12.00	\$6,672.00
7	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$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	864	\$16.00	\$13,824.00

ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS SUBTOTAL: **\$113,096.00**

BIDDING SUMMARY

SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 10)	\$123,031.35
SUBTOTAL SANITARY SEWER SYSTEM ITEMS – INTERNAL (SIENNA MUD NO. 10)	\$254,123.51
SUBTOTAL DRAINAGE FACILITIES ITEMS – INTERNAL (SIENNA MUD NO. 10)	\$541,143.67
SUBTOTAL CLEARING & GRUBBING ITEMS (SIENNA MUD NO. 10) - WS&D ITEMS	\$29,955.00
SUBTOTAL CLEARING & GRUBBING ITEMS (SIENNA MUD NO. 10)- DEVELOPER ITEMS	\$108,595.00
SUBTOTAL MISCELLANEOUS ITEMS	\$0.00
TOTAL AMOUNT BASE BID	\$1,056,848.53

ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS

TOTAL AMOUNT BASE BID	\$1,056,848.53
SUBTOTAL ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS	\$113,096.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 – WS&D FIELD CONDITIONS ITEMS	\$1,169,944.53