

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
TO SERVE AMIRA SECTION 24
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
JUNE 16, 2022
LJA ENGINEERING, INC.
A. OTTO
JUNE 17, 2022
1408-0415 (9.2)

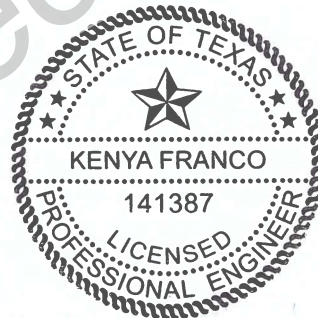
BID OPENING DATE:
BID OPENING LOCATION:
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TABULATION DATE:
LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID
1) BAY UTILITIES, LLC	\$907,798.10
2) NORTHTEX CONSTRUCTION, LLC.	\$962,853.70
3) D. L. ELLIOTT ENTERPRISES, INC.	\$984,968.00
4) BLAZEY CONSTRUCTION SERVICES LLC	\$1,029,953.62
5) PRINCIPAL SERVICES, LTD	\$1,130,877.12
6) TRIPLE B SERVICES, LLP	\$1,264,163.50

CALENDAR DAYS 60/70

Kenya Franco

I, Kenya Franco, PE, hereby certify these bid tabulations to be true and correct.



6/21/2022

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 JUNE 16, 2022
 LJA ENGINEERING, INC.
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 JUNE 17, 2022
 1406-0415 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) BAY UTILITIES. LLC		2) NORTHTEX CONSTRUCTION, LLC.		3) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
AMIRA SEC 24 WATER ITEMS									
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	915	\$48.00	\$43,920.00	\$51.00	\$46,665.00	\$63.00	\$57,645.00
2	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	855	\$65.00	\$55,575.00	\$46.00	\$39,330.00	\$67.00	\$57,285.00
3	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 14, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	16	\$53.00	\$848.00	\$230.00	\$3,680.00	\$153.00	\$2,448.00
4	12" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	182	\$113.00	\$20,566.00	\$94.00	\$17,108.00	\$103.00	\$18,746.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	3	\$6,000.00	\$18,000.00	\$6,900.00	\$20,700.00	\$6,200.00	\$18,600.00
6	REMOVAL OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 12" WATER LINE TO EXISTING WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$3,350.00	\$6,700.00	\$450.00	\$900.00
7	12"X8" TAPPING SLEEVE AND VALVE & BOX, COMPLETE IN PLACE	EA	3	\$5,000.00	\$15,000.00	\$6,300.00	\$18,900.00	\$4,700.00	\$14,100.00
8	REMOVE & DISPOSE OF EXISTING 12" WATERLINE, AS NEEDED FOR CONSTRUCTION OF PROPOSED UTILITIES, SHOWN ON SHEET 11 OF THE CONSTRUCTION PLANS, TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	182	\$12.00	\$2,184.00	\$45.50	\$8,281.00	\$17.00	\$3,094.00
9	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	2	\$400.00	\$800.00	\$1,900.00	\$3,800.00	\$580.00	\$1,160.00
10	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$1,200.00	\$2,400.00	\$3,700.00	\$7,400.00	\$2,000.00	\$4,000.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	EA	1968	\$0.10	\$196.80	\$1.70	\$3,345.60	\$1.00	\$1,968.00
AMIRA SEC 24 WATER ITEMS SUBTOTAL:					\$163,489.80		\$175,909.60		\$179,946.00
AMIRA SEC 24 SANITARY SEWER ITEMS									
1	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	15	\$2,100.00	\$31,500.00	\$1,750.00	\$26,250.00	\$2,100.00	\$31,500.00
2	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	11	\$4,000.00	\$44,000.00	\$3,350.00	\$36,850.00	\$3,600.00	\$39,600.00
3	"FAR SIDE" DOUBLE 8" PVC PIPE SERVICE LEAD, APPROXIMATELY 108 LF, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00	\$9,150.00	\$9,150.00	\$6,300.00	\$6,300.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	746	\$68.00	\$50,728.00	\$58.00	\$43,268.00	\$60.00	\$44,760.00
5	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	82	\$71.00	\$5,822.00	\$91.00	\$7,462.00	\$70.00	\$5,740.00

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 TO SERVE AMIRA SECTION 24
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 16, 2022
 LJA ENGINEERING, INC.
 A. OTTO
 JUNE 17, 2022
 1406-0415 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) BAY UTILITIES, LLC		2) NORTHTEX CONSTRUCTION, LLC.		3) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16 - 20 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	731	\$80.00	\$58,480.00	\$64.50	\$47,149.50	\$80.00	\$58,480.00
7	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	11	\$2,800.00	\$30,800.00	\$2,850.00	\$31,350.00	\$2,600.00	\$28,600.00
8	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	73	\$205.00	\$14,965.00	\$205.00	\$14,965.00	\$130.00	\$9,490.00
9	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18" SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	5	\$1,000.00	\$5,000.00	\$2,650.00	\$13,250.00	\$3,300.00	\$16,500.00
10	CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER MANHOLE, INCLUDES CORING OF MANHOLE, SEALING, ADJUSTMENTS, TEMPORARY PLUGS, REMOVAL, DISPOSAL, AND REPLACEMENT OF EXISTING CONCRETE SIDEWALKS, RAMPS, ALL OTHER APPURTENANCES AND BYPASS PUMPING AS NECESSARY, COMPLETE IN PLACE	EA	2	\$3,500.00	\$7,000.00	\$3,800.00	\$7,600.00	\$3,400.00	\$6,800.00
11	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$4,400.00	\$4,400.00	\$1,000.00	\$1,000.00
12	REMOVE & DISPOSE OF EXISTING SANITARY SEWER MANHOLE, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY NECESSARY FITTINGS, BYPASS PUMPING AS NECESSARY AND ALL OTHER APPURTENANCES, AS NEEDED FOR CONSTRUCTION OF PROPOSED UTILITIES, TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	4	\$1,000.00	\$4,000.00	\$4,450.00	\$17,800.00	\$670.00	\$2,680.00
13	REMOVE & DISPOSE OF EXISTING 8" SANITARY SEWER, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY FITTINGS, ETC., AS NEEDED FOR CONSTRUCTION OF PROPOSED UTILITIES, TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	710	\$20.00	\$14,200.00	\$30.00	\$21,300.00	\$18.00	\$12,780.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2623	\$0.40	\$1,049.20	\$1.50	\$3,934.50	\$1.00	\$2,623.00
AMIRA SEC 24 SANITARY SEWER ITEMS SUBTOTAL:					\$274,544.20		\$284,729.00		\$266,853.00
AMIRA SEC 24 STORM SEWER ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1680	\$81.00	\$136,080.00	\$97.50	\$163,800.00	\$99.00	\$166,320.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	741	\$104.00	\$77,064.00	\$125.00	\$92,625.00	\$128.00	\$94,848.00
3	STAGE I - STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	30	\$3,000.00	\$90,000.00	\$1,400.00	\$42,000.00	\$1,600.00	\$48,000.00
4	STAGE II - STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	30	\$1,200.00	\$36,000.00	\$1,350.00	\$40,500.00	\$2,200.00	\$66,000.00
5	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$3,300.00	\$46,200.00	\$3,550.00	\$49,700.00	\$4,900.00	\$68,600.00
6	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH "E" INLET TOP FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,900.00	\$3,900.00	\$7,250.00	\$7,250.00	\$8,500.00	\$8,500.00
7	DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPES, DEPTH VARIES, COMPLETE IN PLACE	LF	454	\$7.00	\$3,178.00	\$11.50	\$5,221.00	\$13.00	\$5,902.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	CONNECT PROPOSED 24" RCP STORM SEWER TO EXISTING STORM SEWER MANHOLE, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, BREAKING INTO MANHOLE, GROUTING, REMOVAL, DISPOSAL, AND REPLACEMENT OF EXISTING CONCRETE SIDEWALKS, RAMPS AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	8	\$2,200.00	\$17,600.00	\$2,800.00	\$22,400.00	\$840.00	\$6,720.00
9	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDING DRESSING OF SIDE SLOPE, COMPLETE IN PLACE	SY	97	\$90.00	\$8,730.00	\$150.00	\$14,550.00	\$130.00	\$12,610.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2421	\$0.10	\$242.10	\$1.60	\$3,873.60	\$1.00	\$2,421.00
AMIRA SEC 24 STORM SEWER ITEMS SUBTOTAL:					\$418,994.10		\$441,919.60		\$479,921.00
MISCELLANEOUS ITEMS									
1	FURNISH PERFORMANCE, PAYMENT AND MAINTENANCE BONDS PER CONTRACT, DOCUMENTS, COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$19,500.00	\$19,500.00	\$16,600.00	\$16,600.00
2	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.30	\$230.00	\$1.65	\$165.00	\$2.20	\$220.00
3	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$1.45	\$145.00	\$2.20	\$220.00
4	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$98.00	\$98.00	\$28.00	\$28.00
5	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$90.00	\$90.00	\$77.50	\$77.50	\$50.00	\$50.00
6	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$2,200.00	\$2,200.00	\$2,150.00	\$2,150.00	\$2,000.00	\$2,000.00
7	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$3,000.00	\$300.00	\$7,750.00	\$775.00	\$2,000.00	\$200.00
8	EXTRA CEMENT STABILIZED SAND BACKFILL, (2.0 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE	CY	10	\$44.00	\$440.00	\$40.50	\$405.00	\$40.00	\$400.00
9	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00	\$13.50	\$6,750.00	\$15.00	\$7,500.00
10	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$27.50	\$2,750.00	\$35.00	\$3,500.00
11	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE, ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$620.00	\$620.00	\$500.00	\$500.00
12	DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$25.00	\$12,500.00	\$18.00	\$9,000.00	\$20.00	\$10,000.00
13	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$775.00	\$775.00	\$1,300.00	\$1,300.00
14	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$620.00	\$620.00	\$330.00	\$330.00
15	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$2,300.00	\$2,300.00	\$1,800.00	\$1,800.00
16	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$4,250.00	\$4,250.00	\$2,400.00	\$2,400.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	UTILITY SPOILS (ESTIMATED QUANTITY OF 2,541 CUBIC YARDS), TO BE USED ON-SITE, STRIPPING, STOCK PILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, AND REAPPLICATION OF STRIPPINGS IN ACCORDANCE WITH THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$5,050.00	\$5,050.00	\$5,600.00	\$5,600.00
18	ADJUST EXISTING GATE VALVE TO FINISHED GRADE AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$365.00	\$365.00	\$100.00	\$100.00
19	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00
20	TEMPORARY TRAFFIC CONTROL DEVICES AS NEEDED FOR THE DURATION OF THE PROJECT, (FLAGGER, CONES, ETC.) INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	LS	1	\$100.00	\$100.00	\$2,900.00	\$2,900.00	\$3,900.00	\$3,900.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$50,770.00		\$60,295.50		\$58,248.00
<u>BIDDING SUMMARY</u>									
SUBTOTAL AMIRA SEC 24 WATER ITEMS					\$163,489.80		\$175,909.60		\$179,946.00
SUBTOTAL AMIRA SEC 24 SANITARY SEWER ITEMS					\$274,544.20		\$284,729.00		\$266,853.00
SUBTOTAL AMIRA SEC 24 STORM SEWER ITEMS					\$418,994.10		\$441,919.60		\$479,921.00
SUBTOTAL MISCELLANEOUS ITEMS					\$50,770.00		\$60,295.50		\$58,248.00
TOTAL AMOUNT BASE BID					\$907,798.10		\$962,853.70		\$984,968.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
AMIRA SEC 24 WATER ITEMS									
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	915	\$55.00	\$50,325.00	\$65.00	\$59,475.00	\$60.00	\$54,900.00
2	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	855	\$73.00	\$62,415.00	\$74.00	\$63,270.00	\$80.00	\$68,400.00
3	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 14, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	16	\$60.00	\$960.00	\$73.00	\$1,168.00	\$80.00	\$1,280.00
4	12" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	182	\$112.00	\$20,384.00	\$119.00	\$21,658.00	\$150.00	\$27,300.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	3	\$6,786.00	\$20,358.00	\$7,100.00	\$21,300.00	\$7,000.00	\$21,000.00
6	REMOVAL OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 12" WATER LINE TO EXISTING WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	2	\$1,535.00	\$3,070.00	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00
7	12"X8" TAPPING SLEEVE AND VALVE & BOX, COMPLETE IN PLACE	EA	3	\$4,641.00	\$13,923.00	\$7,000.00	\$21,000.00	\$6,000.00	\$18,000.00
8	REMOVE & DISPOSE OF EXISTING 12" WATERLINE, AS NEEDED FOR CONSTRUCTION OF PROPOSED UTILITIES, SHOWN ON SHEET 11 OF THE CONSTRUCTION PLANS, TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	182	\$10.00	\$1,820.00	\$5.00	\$910.00	\$20.00	\$3,640.00
9	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	2	\$388.00	\$776.00	\$400.00	\$800.00	\$855.00	\$1,710.00
10	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$1,409.00	\$2,818.00	\$1,400.00	\$2,800.00	\$1,500.00	\$3,000.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	EA	1968	\$0.36	\$708.48	\$0.10	\$196.80	\$0.25	\$492.00
AMIRA SEC 24 WATER ITEMS SUBTOTAL:					\$177,557.48		\$194,577.80		\$202,722.00
AMIRA SEC 24 SANITARY SEWER ITEMS									
1	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	15	\$2,518.00	\$37,770.00	\$3,200.00	\$48,000.00	\$2,900.00	\$43,500.00
2	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	11	\$5,621.00	\$61,831.00	\$4,500.00	\$49,500.00	\$5,100.00	\$56,100.00
3	"FAR SIDE" DOUBLE 8" PVC PIPE SERVICE LEAD, APPROXIMATELY 108 LF, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	1	\$7,924.00	\$7,924.00	\$6,000.00	\$6,000.00	\$9,000.00	\$9,000.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	746	\$59.00	\$44,014.00	\$70.00	\$52,220.00	\$74.00	\$55,204.00
5	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	82	\$65.00	\$5,330.00	\$75.00	\$6,150.00	\$77.00	\$6,314.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE AMIRA SECTION 24
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 16, 2022
 LJA ENGINEERING, INC.
 A. OTTO
 JUNE 17, 2022
 1406-0415 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) PRINCIPAL SERVICES, LTD		6) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16 - 20 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	731	\$94.00	\$68,714.00	\$85.00	\$62,135.00	\$100.00	\$73,100.00
7	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	11	\$3,145.00	\$34,595.00	\$4,500.00	\$49,500.00	\$5,100.00	\$56,100.00
8	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	73	\$208.00	\$15,184.00	\$300.00	\$21,900.00	\$195.00	\$14,235.00
9	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18" SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	5	\$2,545.00	\$12,725.00	\$2,000.00	\$10,000.00	\$2,500.00	\$12,500.00
10	CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER MANHOLE, INCLUDES CORING OF MANHOLE, SEALING, ADJUSTMENTS, TEMPORARY PLUGS, REMOVAL, DISPOSAL, AND REPLACEMENT OF EXISTING CONCRETE SIDEWALKS, RAMPS, ALL OTHER APPURTENANCES AND BYPASS PUMPING AS NECESSARY, COMPLETE IN PLACE	EA	2	\$2,808.00	\$5,616.00	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00
11	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$955.00	\$955.00	\$2,000.00	\$2,000.00	\$1,250.00	\$1,250.00
12	REMOVE & DISPOSE OF EXISTING SANITARY SEWER MANHOLE, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY NECESSARY FITTINGS, BYPASS PUMPING AS NECESSARY AND ALL OTHER APPURTENANCES, AS NEEDED FOR CONSTRUCTION OF PROPOSED UTILITIES, TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	4	\$823.00	\$3,292.00	\$1,000.00	\$4,000.00	\$5,000.00	\$20,000.00
13	REMOVE & DISPOSE OF EXISTING 8" SANITARY SEWER, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, DROP STRUCTURES AND ANY FITTINGS, ETC., AS NEEDED FOR CONSTRUCTION OF PROPOSED UTILITIES, TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	710	\$51.00	\$36,210.00	\$25.00	\$17,750.00	\$20.00	\$14,200.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2623	\$0.36	\$944.28	\$0.10	\$262.30	\$0.25	\$655.75
AMIRA SEC 24 SANITARY SEWER ITEMS SUBTOTAL:					\$335,104.28		\$331,417.30		\$365,158.75
AMIRA SEC 24 STORM SEWER ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1680	\$89.00	\$149,520.00	\$107.00	\$179,760.00	\$135.00	\$226,800.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	741	\$114.00	\$84,474.00	\$130.00	\$96,330.00	\$150.00	\$111,150.00
3	STAGE I - STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	30	\$1,898.00	\$56,940.00	\$2,000.00	\$60,000.00	\$2,400.00	\$72,000.00
4	STAGE II - STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	30	\$2,250.00	\$67,500.00	\$3,100.00	\$93,000.00	\$2,300.00	\$69,000.00
5	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$4,196.00	\$58,744.00	\$3,400.00	\$47,600.00	\$5,300.00	\$74,200.00
6	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH "E" INLET TOP FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,764.00	\$4,764.00	\$3,050.00	\$3,050.00	\$5,700.00	\$5,700.00
7	DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPES, DEPTH VARIES, COMPLETE IN PLACE	LF	454	\$13.00	\$5,902.00	\$2.00	\$908.00	\$6.25	\$2,837.50

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 TO SERVE AMIRA SECTION 24
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 16, 2022
 LJA ENGINEERING, INC.
 A. OTTO
 JUNE 17, 2022
 1406-0415 (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) PRINCIPAL SERVICES, LTD		6) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	CONNECT PROPOSED 24" RCP STORM SEWER TO EXISTING STORM SEWER MANHOLE, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, BREAKING INTO MANHOLE, GROUTING, REMOVAL, DISPOSAL, AND REPLACEMENT OF EXISTING CONCRETE SIDEWALKS, RAMPS AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	8	\$625.00	\$5,000.00	\$500.00	\$4,000.00	\$2,100.00	\$16,800.00
9	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDING DRESSING OF SIDE SLOPE, COMPLETE IN PLACE	SY	97	\$119.00	\$11,543.00	\$150.00	\$14,550.00	\$100.00	\$9,700.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2421	\$0.36	\$871.56	\$0.10	\$242.10	\$0.25	\$605.25
AMIRA SEC 24 STORM SEWER ITEMS SUBTOTAL:					\$445,258.56	\$499,440.10	\$588,792.75		
MISCELLANEOUS ITEMS									
1	FURNISH PERFORMANCE, PAYMENT AND MAINTENANCE BONDS PER CONTRACT, DOCUMENTS, COMPLETE IN PLACE	LS	1	\$17,950.00	\$17,950.00	\$81,011.92	\$81,011.92	\$15,000.00	\$15,000.00
2	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.70	\$270.00	\$2.15	\$215.00	\$2.50	\$250.00
3	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.60	\$260.00	\$2.15	\$215.00	\$2.50	\$250.00
4	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$65.00	\$65.00	\$50.00	\$50.00	\$65.00	\$65.00
5	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$65.00	\$65.00	\$50.00	\$50.00	\$75.00	\$75.00
6	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$2,142.00	\$2,142.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
7	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$3,963.00	\$396.30	\$0.00	\$0.00	\$2,000.00	\$200.00
8	EXTRA CEMENT STABILIZED SAND BACKFILL, (2.0 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE	CY	10	\$33.00	\$330.00	\$0.00	\$0.00	\$60.00	\$600.00
9	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$30.00	\$15,000.00	\$0.00	\$0.00	\$20.00	\$10,000.00
10	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$30.00	\$3,000.00	\$0.00	\$0.00	\$25.00	\$2,500.00
11	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE, ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$60.00	\$60.00	\$500.00	\$500.00	\$500.00	\$500.00
12	DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$30.00	\$15,000.00	\$15.00	\$7,500.00	\$45.00	\$22,500.00
13	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,012.00	\$1,012.00	\$1,000.00	\$1,000.00	\$850.00	\$850.00
14	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$60.00	\$60.00	\$1,000.00	\$1,000.00	\$550.00	\$550.00
15	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,610.00	\$1,610.00	\$1,400.00	\$1,400.00	\$1,700.00	\$1,700.00
16	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,785.00	\$1,785.00	\$2,000.00	\$2,000.00	\$4,500.00	\$4,500.00

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 TO SERVE AMIRA SECTION 24
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 16, 2022
 LJA ENGINEERING, INC.
 A. OTTO
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ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) PRINCIPAL SERVICES, LTD		6) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	UTILITY SPOILS (ESTIMATED QUANTITY OF 2,541 CUBIC YARDS), TO BE USED ON-SITE, STRIPPING, STOCK PILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, AND REAPPLICATION OF STRIPPINGS IN ACCORDANCE WITH THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LS	1	\$8,328.00	\$8,328.00	\$5,000.00	\$5,000.00	\$38,000.00	\$38,000.00
18	ADJUST EXISTING GATE VALVE TO FINISHED GRADE AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$89.00	\$89.00	\$1,000.00	\$1,000.00	\$450.00	\$450.00
19	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,636.00	\$1,636.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00
20	TEMPORARY TRAFFIC CONTROL DEVICES AS NEEDED FOR THE DURATION OF THE PROJECT, (FLAGGER, CONES, ETC.) INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	LS	1	\$2,975.00	\$2,975.00	\$1,000.00	\$1,000.00	\$4,500.00	\$4,500.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$72,033.30		\$105,441.92		\$107,490.00
<u>BIDDING SUMMARY</u>									
SUBTOTAL AMIRA SEC 24 WATER ITEMS					\$177,557.48		\$194,577.80		\$202,722.00
SUBTOTAL AMIRA SEC 24 SANITARY SEWER ITEMS					\$335,104.28		\$331,417.30		\$365,158.75
SUBTOTAL AMIRA SEC 24 STORM SEWER ITEMS					\$445,258.56		\$499,440.10		\$588,792.75
SUBTOTAL MISCELLANEOUS ITEMS					\$72,033.30		\$105,441.92		\$107,490.00
TOTAL AMOUNT BASE BID					\$1,029,953.62		\$1,130,877.12		\$1,264,163.50

LJA Engineering, Inc.