

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 AMIRA SECTION 19
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
APRIL 23, 2021
LJA ENGINEERING, INC.
L. MARTINEZ
APRIL 23, 2021
1406-0402 (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID
1) DIMAS BROS. CONSTRUCTION	\$1,281,805.10
2) CROSTEX CONSTRUCTION INC.	\$1,310,000.00
3) R CONSTRUCTION CIVIL	\$1,318,217.70
4) BLAZEY CONSTRUCTION SERVICES LLC	\$1,328,169.20
5) D. L. ELLIOTT ENTERPRISES, INC.	\$1,354,794.00
6) TEXASITE, LLC	\$1,375,423.10
7) TEXAS KB UTILITIES, LLC	\$1,410,000.00

CALENDAR DAYS 60/70



I, Christopher J. LeBlanc, PE, hereby certify these bid tabulations to be true and correct.

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 APRIL 23, 2021
 LJA ENGINEERING, INC.
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 1406-0402 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) CROSTEX CONSTRUCTION INC.		3) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
AMIRA SEC. 19 WATER ITEMS									
1	6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	221	\$24.80	\$5,480.80	\$17.75	\$3,922.75	\$19.00	\$4,199.00
2	6" 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	54	\$25.00	\$1,350.00	\$22.00	\$1,188.00	\$31.00	\$1,674.00
3	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	3352	\$28.95	\$97,040.40	\$26.00	\$93,856.00	\$28.00	\$93,856.00
4	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	147	\$46.60	\$6,850.20	\$31.00	\$4,557.00	\$38.00	\$5,586.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$3,800.00	\$30,400.00	\$3,700.00	\$29,600.00	\$4,100.00	\$32,800.00
6	REMOVAL OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 8" 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	1	\$384.00	\$384.00	\$200.00	\$200.00	\$250.00	\$250.00
7	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	5	\$284.00	\$1,420.00	\$120.00	\$600.00	\$150.00	\$750.00
8	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	5	\$905.00	\$4,525.00	\$675.00	\$3,375.00	\$700.00	\$3,500.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3774	\$1.00	\$3,774.00	\$1.05	\$3,962.70	\$0.10	\$377.40
AMIRA SEC. 19 WATER ITEMS SUBTOTAL:					\$151,224.40		\$141,261.45		\$142,992.40
AMIRA SEC. 19 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	25	\$1,084.00	\$27,100.00	\$1,205.00	\$30,125.00	\$1,200.00	\$30,000.00
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	19	\$2,310.00	\$43,890.00	\$2,185.00	\$41,515.00	\$1,900.00	\$36,100.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	50	\$32.00	\$1,600.00	\$26.75	\$1,337.50	\$29.00	\$1,450.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1806	\$36.55	\$66,009.30	\$30.00	\$54,180.00	\$32.00	\$57,792.00
5	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1923	\$36.55	\$70,285.65	\$33.50	\$64,420.50	\$34.00	\$65,382.00
6	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	21	\$2,535.00	\$53,235.00	\$2,025.00	\$42,525.00	\$1,800.00	\$37,800.00
7	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	100	\$95.00	\$9,500.00	\$203.00	\$20,300.00	\$120.00	\$12,000.00
8	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	7	\$500.00	\$3,500.00	\$750.00	\$5,250.00	\$1,500.00	\$10,500.00

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 TO SERVE AMIRA SECTION 19
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 APRIL 23, 2021
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 L. MARTINEZ
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 1406-0402 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) CROSTEX CONSTRUCTION INC.		3) R CONSTRUCTION CIVIL		
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
9	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	1	\$1,000.00	\$1,000.00	\$1,850.00	\$1,850.00	\$1,000.00	\$1,000.00	
10	8" SANITARY PLUG, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$75.00	\$225.00	\$25.00	\$75.00	
11	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$508.00	\$3,048.00	\$500.00	\$3,000.00	\$500.00	\$3,000.00	
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4994	\$1.00	\$4,994.00	\$1.10	\$5,493.40	\$0.10	\$499.40	
AMIRA SEC. 19 SANITARY SEWER ITEMS SUBTOTAL:					\$284,461.95		\$270,221.40		\$255,598.40	
AMIRA SEC. 19 STORM SEWER ITEMS										
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	2304	\$67.00	\$154,368.00	\$56.50	\$130,176.00	\$62.00	\$142,848.00	
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	75	\$79.00	\$5,925.00	\$70.00	\$5,250.00	\$76.00	\$5,700.00	
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	96	\$104.55	\$10,036.80	\$96.00	\$9,216.00	\$106.00	\$10,176.00	
4	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	175	\$140.00	\$24,500.00	\$125.50	\$21,962.50	\$136.00	\$23,800.00	
5	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	774	\$157.00	\$121,518.00	\$150.75	\$116,680.50	\$160.00	\$123,840.00	
6	54" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	229	\$215.00	\$49,235.00	\$212.25	\$48,605.25	\$220.00	\$50,380.00	
7	60" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	662	\$246.05	\$162,885.10	\$248.00	\$164,176.00	\$260.00	\$172,120.00	
8	66" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	154	\$296.40	\$45,645.60	\$301.00	\$46,354.00	\$325.00	\$50,050.00	
9	STAGE I - STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	42	\$805.00	\$33,810.00	\$1,800.00	\$75,600.00	\$1,000.00	\$42,000.00	
10	STAGE II - STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	42	\$1,298.00	\$54,516.00	\$500.00	\$21,000.00	\$1,600.00	\$67,200.00	
11	TYPE "E" PRECAST OR CAST-IN-PLACE INLET, INCLUDES ADJUSTMENT TO FINAL GRADE AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$2,750.00	\$5,500.00	\$4,900.00	\$9,800.00	
12	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH "E" INLET TOP FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$2,750.00	\$5,500.00	\$4,800.00	\$9,600.00	
13	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	13	\$2,222.00	\$28,886.00	\$2,450.00	\$31,850.00	\$2,800.00	\$36,400.00	
14	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	19	\$4,200.00	\$79,800.00	\$5,600.00	\$106,400.00	\$5,300.00	\$100,700.00	
15	PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE JUNCTION BOX FOR STORM SEWER INCLUDING TYPE "C" MANHOLE TOP, ALL DEPTHS & SIZES, ADJUSTMENT, COMPLETE IN PLACE	EA	2	\$10,150.00	\$20,300.00	\$15,000.00	\$30,000.00	\$12,000.00	\$24,000.00	
16	DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPES, DEPTH VARIES, COMPLETE IN PLACE	LF	1033	\$2.25	\$2,324.25	\$3.50	\$3,615.50	\$2.00	\$2,066.00	
17	CONNECT PROPOSED 66" 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	1	\$800.00	\$800.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	

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ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) CROSTEX CONSTRUCTION INC.		3) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
18	8" BRICK PLUG, COMPLETE IN PLACE	EA	2	\$150.00	\$300.00	\$200.00	\$400.00	\$500.00	\$1,000.00
19	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4489	\$1.00	\$4,489.00	\$1.05	\$4,892.45	\$0.10	\$448.90
AMIRA SEC. 19 STORM SEWER ITEMS SUBTOTAL:					\$807,318.75		\$831,978.20		\$873,126.90
MISCELLANEOUS ITEMS									
1	FURNISH PERFORMANCE, PAYMENT AND MAINTENANCE BONDS PER CONTRACT, DOCUMENTS, COMPLETE IN PLACE	LS	1	\$19,000.00	\$19,000.00	\$32,438.95	\$32,438.95	\$10,000.00	\$10,000.00
2	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$2.00	\$200.00	\$1.00	\$100.00
3	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$2.00	\$200.00	\$1.00	\$100.00
4	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$100.00	\$100.00	\$50.00	\$50.00
5	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$250.00	\$250.00	\$50.00	\$50.00
6	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
7	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$1,000.00	\$100.00	\$2,000.00	\$200.00	\$1,000.00	\$100.00
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	\$20.00	\$200.00	\$50.00	\$500.00	\$20.00	\$200.00
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	\$1.00	\$500.00	\$5.00	\$2,500.00	\$10.00	\$5,000.00
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	\$1.00	\$100.00	\$10.00	\$1,000.00	\$10.00	\$1,000.00
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	\$250.00	\$250.00	\$250.00	\$250.00	\$150.00	\$150.00
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	\$1.00	\$500.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
13	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$450.00	\$450.00	\$500.00	\$500.00	\$500.00	\$500.00
14	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$400.00	\$400.00	\$150.00	\$150.00	\$200.00	\$200.00
15	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$850.00	\$850.00	\$800.00	\$800.00
16	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
17	UTILITY SPOILS (ESTIMATED QUANTITY OF 6,596 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	\$12,500.00	\$12,500.00	\$13,500.00	\$13,500.00	\$14,000.00	\$14,000.00
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	\$500.00	\$500.00	\$150.00	\$150.00	\$50.00	\$50.00
19	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00	\$750.00	\$750.00	\$1,200.00	\$1,200.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$38,600.00		\$66,538.95		\$46,500.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<u>BIDDING SUMMARY</u>									
SUBTOTAL AMIRA SEC. 19 WATER ITEMS					\$151,224.40		\$141,261.45		\$142,092.40
SUBTOTAL AMIRA SEC. 19 SANITARY SEWER ITEMS					\$284,461.95		\$270,221.40		\$255,598.40
SUBTOTAL AMIRA SEC. 19 STORM SEWER ITEMS					\$807,318.75		\$531,978.20		\$873,126.90
SUBTOTAL MISCELLANEOUS ITEMS					\$38,600.00		\$66,538.95		\$46,500.00
TOTAL AMOUNT BASE BID					\$1,281,605.10		\$1,310,000.00		\$1,318,217.70

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ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) D. L. ELLIOTT ENTERPRISES, INC.		6) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
AMIRA SEC. 19 WATER ITEMS									
1	6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	221	\$22.00	\$4,862.00	\$22.00	\$4,862.00	\$23.00	\$5,083.00
2	6" 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	54	\$23.00	\$1,242.00	\$21.00	\$1,134.00	\$24.00	\$1,296.00
3	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	3352	\$29.00	\$97,208.00	\$29.00	\$97,208.00	\$30.00	\$100,560.00
4	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	147	\$34.00	\$4,998.00	\$46.00	\$6,762.00	\$37.00	\$5,439.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$3,548.00	\$28,384.00	\$4,000.00	\$32,000.00	\$3,600.00	\$28,800.00
6	REMOVAL OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 8" 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	1	\$505.00	\$505.00	\$350.00	\$350.00	\$400.00	\$400.00
7	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	5	\$201.00	\$1,005.00	\$200.00	\$1,000.00	\$300.00	\$1,500.00
8	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	5	\$383.00	\$1,915.00	\$1,000.00	\$5,000.00	\$600.00	\$3,000.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3774	\$0.30	\$1,132.20	\$1.00	\$3,774.00	\$1.00	\$3,774.00
AMIRA SEC. 19 WATER ITEMS SUBTOTAL:					\$141,251.20		\$152,090.00		\$149,852.00
AMIRA SEC. 19 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	25	\$1,338.00	\$33,450.00	\$1,150.00	\$28,750.00	\$1,500.00	\$37,500.00
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	19	\$2,381.00	\$45,239.00	\$2,200.00	\$41,800.00	\$2,600.00	\$49,400.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	50	\$34.00	\$1,700.00	\$25.00	\$1,250.00	\$38.00	\$1,900.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1806	\$37.00	\$66,822.00	\$26.00	\$46,956.00	\$40.00	\$72,240.00
5	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1923	\$44.00	\$84,612.00	\$28.00	\$53,844.00	\$42.00	\$80,766.00
6	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	21	\$2,074.00	\$43,554.00	\$2,100.00	\$44,100.00	\$2,800.00	\$58,800.00
7	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	100	\$132.00	\$13,200.00	\$160.00	\$16,000.00	\$160.00	\$16,000.00
8	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	7	\$1,089.00	\$7,623.00	\$700.00	\$4,900.00	\$500.00	\$3,500.00

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LJA JOB NO.

**CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE AMIRA SECTION 19
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 APRIL 23, 2021
 LJA ENGINEERING, INC.
 L. MARTINEZ
 APRIL 23, 2021
 1406-0402 (9.2)**

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) D. L. ELLIOTT ENTERPRISES, INC.		6) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	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	1	\$1,742.00	\$1,742.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00
10	8" SANITARY PLUG, COMPLETE IN PLACE	EA	3	\$108.00	\$324.00	\$25.00	\$75.00	\$200.00	\$600.00
11	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$585.00	\$3,510.00	\$750.00	\$4,500.00	\$400.00	\$2,400.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4994	\$0.30	\$1,498.20	\$1.00	\$4,994.00	\$1.00	\$4,994.00
AMIRA SEC. 19 SANITARY SEWER ITEMS SUBTOTAL:					\$303,274.20		\$248,169.00		\$329,200.00
AMIRA SEC. 19 STORM SEWER ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	2304	\$59.00	\$135,936.00	\$60.00	\$138,240.00	\$61.00	\$140,544.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	75	\$69.00	\$5,175.00	\$74.00	\$5,550.00	\$77.00	\$5,775.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	96	\$94.00	\$9,024.00	\$108.00	\$10,368.00	\$107.00	\$10,272.00
4	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	175	\$128.00	\$22,400.00	\$140.00	\$24,500.00	\$145.00	\$25,375.00
5	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	774	\$161.00	\$124,614.00	\$166.00	\$128,484.00	\$170.00	\$131,580.00
6	54" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	229	\$216.00	\$49,464.00	\$235.00	\$53,815.00	\$236.00	\$54,044.00
7	60" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	662	\$251.00	\$166,162.00	\$272.00	\$180,064.00	\$262.00	\$173,444.00
8	66" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	154	\$315.00	\$48,510.00	\$330.00	\$50,820.00	\$333.00	\$51,282.00
9	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	42	\$1,262.00	\$53,004.00	\$1,350.00	\$56,700.00	\$1,400.00	\$58,800.00
10	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	42	\$1,017.00	\$42,714.00	\$1,350.00	\$56,700.00	\$1,400.00	\$58,800.00
11	TYPE "E" PRECAST OR CAST-IN-PLACE INLET, INCLUDES ADJUSTMENT TO FINAL GRADE AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,177.00	\$8,354.00	\$2,900.00	\$5,800.00	\$2,500.00	\$5,000.00
12	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH "E" INLET TOP FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,291.00	\$8,582.00	\$4,250.00	\$8,500.00	\$3,100.00	\$6,200.00
13	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	13	\$2,540.00	\$33,020.00	\$2,300.00	\$29,900.00	\$2,200.00	\$28,600.00
14	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	19	\$4,674.00	\$88,806.00	\$6,500.00	\$123,500.00	\$5,000.00	\$95,000.00
15	PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE JUNCTION BOX FOR STORM SEWER INCLUDING TYPE "C" MANHOLE TOP, ALL DEPTHS & SIZES, ADJUSTMENT, COMPLETE IN PLACE	EA	2	\$8,453.00	\$16,906.00	\$9,000.00	\$18,000.00	\$7,700.00	\$15,400.00
16	DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPES, DEPTH VARIES, COMPLETE IN PLACE	LF	1033	\$2.80	\$2,885.80	\$5.00	\$5,165.00	\$4.00	\$4,132.00
17	CONNECT PROPOSED 66" 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	1	\$660.00	\$660.00	\$1,300.00	\$1,300.00	\$800.00	\$800.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE AMIRA SECTION 19
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 APRIL 23, 2021
 LJA ENGINEERING, INC.
 L. MARTINEZ
 APRIL 23, 2021
 1406-0402 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) D. L. ELLIOTT ENTERPRISES, INC.		6) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
18	8" BRICK PLUG, COMPLETE IN PLACE	EA	2	\$47.00	\$94.00	\$400.00	\$800.00	\$400.00	\$800.00
19	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4489	\$0.30	\$1,340.70	\$1.00	\$4,469.00	\$1.00	\$4,489.00
AMIRA SEC. 19 STORM SEWER ITEMS SUBTOTAL:					\$817,451.50		\$902,875.00		\$870,317.00
MISCELLANEOUS ITEMS									
1	FURNISH PERFORMANCE, PAYMENT AND MAINTENANCE BONDS PER CONTRACT, DOCUMENTS, COMPLETE IN PLACE	LS	1	\$21,010.00	\$21,010.00	\$20,000.00	\$20,000.00	\$6,500.00	\$6,500.00
2	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.30	\$130.00	\$2.50	\$250.00	\$1.00	\$100.00
3	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.20	\$120.00	\$2.00	\$200.00	\$1.00	\$100.00
4	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$58.00	\$58.00	\$10.00	\$10.00	\$1.00	\$1.00
5	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$58.00	\$58.00	\$50.00	\$50.00	\$1.00	\$1.00
6	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,372.00	\$1,372.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00
7	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$3,513.00	\$351.30	\$2,000.00	\$200.00	\$1.00	\$0.10
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	\$23.00	\$230.00	\$20.00	\$200.00	\$20.00	\$200.00
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	\$25.00	\$12,500.00	\$5.00	\$2,500.00	\$1.00	\$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	\$25.00	\$2,500.00	\$10.00	\$1,000.00	\$1.00	\$100.00
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	\$50.00	\$50.00	\$100.00	\$100.00	\$1.00	\$1.00
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	\$20.00	\$10,000.00	\$15.00	\$7,500.00
13	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$844.00	\$844.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00
14	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$79.00	\$79.00	\$300.00	\$300.00	\$300.00	\$300.00
15	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$955.00	\$955.00	\$800.00	\$800.00	\$1.00	\$1.00
16	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,583.00	\$1,583.00	\$2,000.00	\$2,000.00	\$200.00	\$200.00
17	UTILITY SPOILS (ESTIMATED QUANTITY OF 6,596 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	\$11,134.00	\$11,134.00	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00
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	\$5.00	\$5.00	\$50.00	\$50.00	\$50.00	\$50.00
19	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$713.00	\$713.00	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$66,192.30		\$51,860.00		\$26,054.10

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 TO SERVE AMIRA SECTION 19
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 APRIL 23, 2021
 LJA ENGINEERING, INC.
 L. MARTINEZ
 APRIL 23, 2021
 1406-0402 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) D. L. ELLIOTT ENTERPRISES, INC.		6) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<u>BIDDING SUMMARY</u>									
	SUBTOTAL AMIRA SEC. 19 WATER ITEMS				\$141,251.20		\$152,090.00		\$149,852.00
	SUBTOTAL AMIRA SEC. 19 SANITARY SEWER ITEMS				\$303,274.20		\$248,169.00		\$329,200.00
	SUBTOTAL AMIRA SEC. 19 STORM SEWER ITEMS				\$817,451.50		\$902,675.00		\$870,317.00
	SUBTOTAL MISCELLANEOUS ITEMS				\$86,192.30		\$51,860.00		\$26,054.10
	TOTAL AMOUNT BASE BID				\$1,328,169.20		\$1,354,794.00		\$1,375,423.10

LJA Engineering, Inc.

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 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
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 APRIL 23, 2021
 LJA ENGINEERING, INC.
 L. MARTINEZ
 APRIL 23, 2021
 1406-0402 (9.2)

7) TEXAS KB UTILITIES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
AMIRA SEC. 19 WATER ITEMS					
1	6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	221	\$27.85	\$6,154.85
2	6" 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	54	\$29.35	\$1,584.90
3	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	3352	\$36.25	\$121,510.00
4	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	147	\$38.30	\$5,630.10
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$3,640.00	\$29,120.00
6	REMOVAL OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 8" 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	1	\$405.00	\$405.00
7	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	5	\$145.00	\$725.00
8	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	5	\$500.00	\$2,500.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3774	\$0.10	\$377.40
AMIRA SEC. 19 WATER ITEMS SUBTOTAL:					\$168,007.25
AMIRA SEC. 19 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	25	\$1,180.00	\$29,500.00
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	19	\$3,045.00	\$57,855.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	50	\$43.95	\$2,197.50
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1806	\$43.95	\$79,373.70
5	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1923	\$43.95	\$84,515.85
6	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	21	\$1,870.00	\$39,270.00
7	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	100	\$126.50	\$12,650.00
8	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	7	\$405.00	\$2,835.00

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7) TEXAS KB UTILITIES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
9	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	1	\$1,265.00	\$1,265.00
10	8" SANITARY PLUG, COMPLETE IN PLACE	EA	3	\$40.00	\$120.00
11	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$675.00	\$4,050.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4994	\$0.10	\$499.40
AMIRA SEC. 19 SANITARY SEWER ITEMS SUBTOTAL:					\$314,131.45
AMIRA SEC. 19 STORM SEWER ITEMS					
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	2304	\$67.29	\$155,036.16
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	75	\$77.20	\$5,790.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	96	\$105.50	\$10,128.00
4	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	175	\$136.50	\$23,887.50
5	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	774	\$162.05	\$125,426.70
6	54" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	229	\$227.25	\$52,040.25
7	60" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	662	\$261.45	\$173,079.90
8	66" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	154	\$317.80	\$48,941.20
9	STAGE I - STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	42	\$1,170.00	\$49,140.00
10	STAGE II - STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	42	\$1,620.00	\$68,040.00
11	TYPE "E" PRECAST OR CAST-IN-PLACE INLET, INCLUDES ADJUSTMENT TO FINAL GRADE AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,220.00	\$6,440.00
12	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH "E" INLET TOP FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,220.00	\$6,440.00
13	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	13	\$2,005.00	\$26,065.00
14	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	19	\$3,860.00	\$73,340.00
15	PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE JUNCTION BOX FOR STORM SEWER INCLUDING TYPE "C" MANHOLE TOP, ALL DEPTHS & SIZES, ADJUSTMENT, COMPLETE IN PLACE	EA	2	\$17,195.00	\$34,390.00
16	DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPES, DEPTH VARIES, COMPLETE IN PLACE	LF	1033	\$4.05	\$4,183.65
17	CONNECT PROPOSED 66" 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	1	\$2,015.00	\$2,015.00

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 AMIRA SECTION 19
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 APRIL 23, 2021
 LJA ENGINEERING, INC.
 L. MARTINEZ
 APRIL 23, 2021
 1406-0402 (9.2)

7) TEXAS KB UTILITIES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
18	8" BRICK PLUG, COMPLETE IN PLACE	EA	2	\$290.00	\$580.00
19	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4469	\$0.10	\$446.90
AMIRA SEC. 19 STORM SEWER ITEMS SUBTOTAL:					\$865,410.26
MISCELLANEOUS ITEMS					
1	FURNISH PERFORMANCE, PAYMENT AND MAINTENANCE BONDS PER CONTRACT, DOCUMENTS, COMPLETE IN PLACE	LS	1	\$20,125.00	\$20,125.00
2	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.50	\$150.00
3	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.50	\$150.00
4	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$50.00	\$50.00
5	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00
6	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,450.00	\$1,450.00
7	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$1.00	\$0.10
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	\$0.01	\$0.10
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	\$0.01	\$5.00
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	\$0.01	\$1.00
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	\$0.01	\$0.01
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	\$20.00	\$10,000.00
13	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$750.00	\$750.00
14	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$350.00	\$350.00
15	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$10.00	\$10.00
16	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00
17	UTILITY SPOILS (ESTIMATED QUANTITY OF 6,596 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	\$27,758.83	\$27,758.83
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	\$1.00	\$1.00
19	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$100.00	\$100.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$62,451.04

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<u>BIDDING SUMMARY</u>					
	SUBTOTAL AMIRA SEC. 19 WATER ITEMS				\$168,007.25
	SUBTOTAL AMIRA SEC. 19 SANITARY SEWER ITEMS				\$314,131.45
	SUBTOTAL AMIRA SEC. 19 STORM SEWER ITEMS				\$865,410.26
	SUBTOTAL MISCELLANEOUS ITEMS				\$62,451.04
	TOTAL AMOUNT BASE BID				\$1,410,000.00

LJA Engineering, Inc.