

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER & DRAINAGE FACILITIES
TO SERVE ROSE MEADOW FARMS SECTION 4
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
JANUARY 29, 2021
LJA ENGINEERING, INC.
L. MARTINEZ
JANUARY 29, 2021
1004-0429 (9.2)

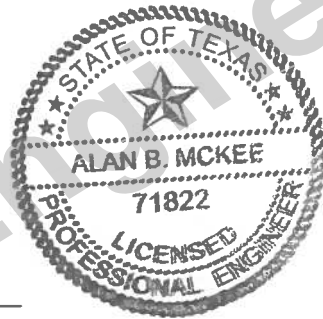
BID OPENING DATE:
BID OPENING LOCATION:
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LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID
1) BAY UTILITIES, LLC	\$583,511.50
2) TEXASITE, LLC	\$722,587.00
3) BLAZEY CONSTRUCTION SERVICES LLC	\$745,738.30
4) PRINCIPAL SERVICES, LTD	\$748,999.00
5) D. L. ELLIOTT ENTERPRISES, INC.	\$803,250.00

CALENDAR DAYS 55/65



I, Alan B. McKee, PE, hereby certify these bid tabulations to be true and correct.



LJA Engineering, Inc.

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ITEM	DESCRIPTION	UNIT	QTY	1) BAY UTILITIES. LLC		2) TEXASITE, LLC		3) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
ROSE MEADOW FARMS SEC 4 WATER ITEMS									
1	4" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	195	\$15.00	\$2,925.00	\$18.00	\$3,510.00	\$16.00	\$3,120.00
2	6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	468	\$16.00	\$7,488.00	\$20.00	\$9,360.00	\$18.00	\$8,424.00
3	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	472	\$22.00	\$10,384.00	\$24.00	\$11,328.00	\$20.00	\$9,440.00
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	392	\$34.00	\$13,328.00	\$38.00	\$14,896.00	\$37.00	\$14,504.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	3	\$3,000.00	\$9,000.00	\$3,500.00	\$10,500.00	\$3,326.00	\$9,978.00
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	\$900.00	\$900.00	\$400.00	\$400.00	\$359.00	\$359.00
7	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	2	\$200.00	\$400.00	\$300.00	\$600.00	\$157.00	\$314.00
8	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$900.00	\$1,800.00	\$600.00	\$1,200.00	\$848.00	\$1,696.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1527	\$0.10	\$152.70	\$1.00	\$1,527.00	\$0.30	\$458.10
ROSE MEADOW FARMS SEC 4 WATER ITEMS SUBTOTAL:					\$46,377.70	\$53,321.00	\$48,293.10		
ROSE MEADOW FARMS SEC 4 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	12	\$800.00	\$9,600.00	\$1,100.00	\$13,200.00	\$894.00	\$10,728.00
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	16	\$2,000.00	\$32,000.00	\$2,300.00	\$36,800.00	\$2,353.00	\$37,648.00
3	"FAR SIDE" DOUBLE OR SINGLE 8" 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	1	\$2,800.00	\$2,800.00	\$2,900.00	\$2,900.00	\$2,939.00	\$2,939.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1090	\$21.00	\$22,890.00	\$36.00	\$39,240.00	\$32.00	\$34,880.00
5	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	302	\$23.00	\$6,946.00	\$38.00	\$11,476.00	\$39.00	\$11,778.00
6	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	10	\$1,800.00	\$18,000.00	\$2,500.00	\$25,000.00	\$1,891.00	\$18,910.00
7	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	33	\$129.00	\$4,257.00	\$160.00	\$5,280.00	\$133.00	\$4,389.00
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	3	\$500.00	\$1,500.00	\$600.00	\$1,800.00	\$2,220.00	\$6,660.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2329	\$0.10	\$232.90	\$1.00	\$2,329.00	\$0.30	\$698.70

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ITEM	DESCRIPTION	UNIT	QTY	1) BAY UTILITIES. LLC		2) TEXASITE, LLC		3) BLAZEY CONSTRUCTION SERVICES LLC		
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
ROSE MEADOW FARMS SEC 4 SANITARY SEWER ITEMS SUBTOTAL:					\$98,225.90		\$138,025.00		\$128,630.70	
OFFSITE SANITARY SEWER ITEMS										
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1259	\$33.00	\$41,547.00	\$38.00	\$47,842.00	\$39.00	\$49,101.00	
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16 - 20 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	323	\$37.00	\$11,951.00	\$42.00	\$13,566.00	\$57.00	\$18,411.00	
3	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	9	\$1,900.00	\$17,100.00	\$2,500.00	\$22,500.00	\$2,110.00	\$18,990.00	
4	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	75	\$129.00	\$9,675.00	\$16.00	\$1,200.00	\$133.00	\$9,975.00	
5	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER SYSTEM, COMPLETE IN PLACE	EA	1	\$1,300.00	\$1,300.00	\$1,300.00	\$1,300.00	\$1,784.00	\$1,784.00	
6	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$600.00	\$600.00	\$2,220.00	\$2,220.00	
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1582	\$0.10	\$158.20	\$1.00	\$1,582.00	\$0.30	\$474.60	
OFFSITE SANITARY SEWER ITEMS SUBTOTAL:					\$82,231.20		\$88,590.00		\$100,955.60	
ROSE MEADOW FARMS SEC 4 STORM SEWER ITEMS										
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1275	\$45.00	\$57,375.00	\$58.00	\$73,950.00	\$48.00	\$61,200.00	
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	325	\$57.00	\$18,525.00	\$75.00	\$24,375.00	\$60.00	\$19,500.00	
3	STAGE I - STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	12	\$1,200.00	\$14,400.00	\$1,100.00	\$13,200.00	\$1,151.00	\$13,812.00	
4	STAGE II - STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	12	\$1,100.00	\$13,200.00	\$1,200.00	\$14,400.00	\$1,033.00	\$12,396.00	
5	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	\$2,200.00	\$4,400.00	\$2,270.00	\$4,540.00	
6	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$1,900.00	\$20,900.00	\$2,200.00	\$24,200.00	\$2,104.00	\$23,144.00	
7	DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPES, DEPTH VARIES, COMPLETE IN PLACE	LF	1619	\$2.20	\$3,561.80	\$5.00	\$8,095.00	\$1.60	\$2,590.40	
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1600	\$0.10	\$160.00	\$1.00	\$1,600.00	\$0.30	\$480.00	
9	PRECAST OR CAST-IN-PLACE MANHOLE WITH TYPE 'E' INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$2,200.00	\$2,200.00	\$2,583.00	\$2,583.00	
ROSE MEADOW FARMS SEC 4 STORM SEWER ITEMS SUBTOTAL:					\$133,921.80		\$166,420.00		\$140,245.40	
OFFSITE STORM SEWER ITEMS										
1	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	596	\$75.00	\$44,700.00	\$90.00	\$53,640.00	\$80.00	\$47,680.00	
2	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1013	\$98.00	\$99,274.00	\$115.00	\$116,495.00	\$106.00	\$107,378.00	

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ITEM	DESCRIPTION	UNIT	QTY	1) BAY UTILITIES. LLC		2) TEXASITE, LLC		3) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	48" CMP STORM SEWER PIPE AS SHOWN PER PLANS, ALL DEPTHS, INCLUDING EXCAVATION, BEDDING, BACKFILL, COMPLETE IN PLACE	LF	180	\$88.00	\$15,840.00	\$84.00	\$15,120.00	\$98.00	\$17,640.00
4	TIMBER BENT, INSTALLED PER HARRIS COUNTY DETAILS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,960.00	\$1,960.00	\$1,758.00	\$1,758.00
5	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	13	\$2,000.00	\$26,000.00	\$2,300.00	\$29,900.00	\$3,569.00	\$46,397.00
6	18" THICK RIP-RAP, COMPLETE IN PLACE	SY	97	\$71.00	\$6,887.00	\$75.00	\$7,275.00	\$96.00	\$9,312.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1789	\$0.10	\$178.90	\$1.00	\$1,789.00	\$0.30	\$536.70
OFFSITE STORM SEWER ITEMS SUBTOTAL:					\$193,879.90		\$226,179.00		\$230,701.70
MISCELLANEOUS ITEMS									
1	FURNISH PERFORMANCE, PAYMENT AND MAINTENANCE BONDS PER CONTRACT DOCUMENTS, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$11,610.00	\$11,610.00
2	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.25	\$125.00	\$1.00	\$100.00	\$1.25	\$125.00
3	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.00	\$100.00	\$1.00	\$100.00	\$1.15	\$115.00
4	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$45.00	\$45.00	\$5.00	\$5.00	\$55.00	\$55.00
5	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$55.00	\$55.00	\$20.00	\$20.00	\$1.10	\$1.10
6	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,600.00	\$1,600.00	\$800.00	\$800.00	\$1,300.00	\$1,300.00
7	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	1	\$500.00	\$500.00	\$1.00	\$1.00	\$3,330.00	\$3,330.00
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	\$30.00	\$300.00	\$25.00	\$250.00	\$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	\$1.00	\$500.00	\$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	\$1.00	\$100.00	\$1.00	\$100.00	\$15.00	\$1,500.00
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	\$100.00	\$100.00	\$1.00	\$1.00	\$250.00	\$250.00
12	DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2500	\$0.10	\$250.00	\$10.00	\$25,000.00	\$25.00	\$62,500.00
13	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$600.00	\$600.00	\$350.00	\$350.00	\$800.00	\$800.00
14	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$400.00	\$400.00	\$80.00	\$80.00
15	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$5.00	\$5.00
16	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	2	\$2,300.00	\$4,600.00	\$200.00	\$400.00	\$1,590.00	\$3,180.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	UTILITY SPOILS (ESTIMATED QUANTITY OF 4,214 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	\$6,000.00	\$6,000.00	\$3,500.00	\$3,500.00	\$1.70	\$1.70
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	\$300.00	\$300.00	\$25.00	\$25.00	\$27.00	\$27.00
19	EXTRA DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPES, DEPTH VARIES, COMPLETE IN PLACE	LF	1000	\$2.20	\$2,200.00	\$1.00	\$1,000.00	\$2.00	\$2,000.00
20	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$300.00	\$300.00	\$1,500.00	\$1,500.00	\$2,332.00	\$2,332.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$28,875.00	\$50,052.00			\$96,911.80
BIDDING SUMMARY									
SUBTOTAL ROSE MEADOW FARMS SEC 4 WATER ITEMS					\$46,377.70	\$53,321.00			\$48,293.10
SUBTOTAL ROSE MEADOW FARMS SEC 4 SANITARY SEWER ITEMS					\$98,225.90	\$138,025.00			\$128,630.70
SUBTOTAL OFFSITE SANITARY SEWER ITEMS					\$82,231.20	\$88,590.00			\$100,955.60
SUBTOTAL ROSE MEADOW FARMS SEC 4 STORM SEWER ITEMS					\$133,921.80	\$166,420.00			\$140,245.40
SUBTOTAL OFFSITE STORM SEWER ITEMS					\$193,879.90	\$226,179.00			\$230,701.70
SUBTOTAL MISCELLANEOUS ITEMS					\$28,875.00	\$50,052.00			\$96,911.80
TOTAL AMOUNT BASE BID					\$583,511.50	\$722,587.00			\$745,738.30

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
ROSE MEADOW FARMS SEC 4 WATER ITEMS							
1	4" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	195	\$17.00	\$3,315.00	\$17.00	\$3,315.00
2	6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	468	\$18.00	\$8,424.00	\$18.00	\$8,424.00
3	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	472	\$26.00	\$12,272.00	\$23.00	\$10,856.00
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	392	\$37.00	\$14,504.00	\$35.00	\$13,720.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	3	\$3,500.00	\$10,500.00	\$3,800.00	\$11,400.00
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	\$350.00	\$350.00	\$300.00	\$300.00
7	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	2	\$190.00	\$380.00	\$100.00	\$200.00
8	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$880.00	\$1,760.00	\$1,200.00	\$2,400.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1527	\$0.10	\$152.70	\$1.00	\$1,527.00
ROSE MEADOW FARMS SEC 4 WATER ITEMS SUBTOTAL:					\$51,657.70		\$52,142.00
ROSE MEADOW FARMS SEC 4 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	12	\$1,000.00	\$12,000.00	\$1,100.00	\$13,200.00
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	16	\$1,800.00	\$28,800.00	\$2,200.00	\$35,200.00
3	"FAR SIDE" DOUBLE OR SINGLE 8" 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	1	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1090	\$37.00	\$40,330.00	\$31.00	\$33,790.00
5	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	302	\$35.00	\$10,570.00	\$50.00	\$15,100.00
6	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	10	\$3,000.00	\$30,000.00	\$2,500.00	\$25,000.00
7	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	33	\$200.00	\$6,600.00	\$160.00	\$5,280.00
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	3	\$1,500.00	\$4,500.00	\$750.00	\$2,250.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2329	\$0.10	\$232.90	\$1.00	\$2,329.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER & DRAINAGE FACILITIES
 TO SERVE ROSE MEADOW FARMS SECTION 4
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JANUARY 29, 2021
 LJA ENGINEERING, INC.
 L. MARTINEZ
 JANUARY 29, 2021
 1004-0429 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD		5) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
ROSE MEADOW FARMS SEC 4 SANITARY SEWER ITEMS SUBTOTAL:					\$135,532.90		\$135,149.00
OFFSITE SANITARY SEWER ITEMS							
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1259	\$37.00	\$46,583.00	\$50.00	\$62,950.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16 - 20 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	323	\$47.00	\$15,181.00	\$77.00	\$24,871.00
3	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	9	\$3,000.00	\$27,000.00	\$2,300.00	\$20,700.00
4	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	75	\$160.00	\$12,000.00	\$160.00	\$12,000.00
5	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER SYSTEM, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00
6	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	1	\$1,005.00	\$1,005.00	\$750.00	\$750.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1582	\$0.10	\$158.20	\$1.00	\$1,582.00
OFFSITE SANITARY SEWER ITEMS SUBTOTAL:					\$102,927.20		\$124,053.00
ROSE MEADOW FARMS SEC 4 STORM SEWER ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1275	\$54.00	\$68,850.00	\$55.00	\$70,125.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	325	\$65.00	\$21,125.00	\$68.00	\$22,100.00
3	STAGE I - STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	12	\$1,000.00	\$12,000.00	\$1,200.00	\$14,400.00
4	STAGE II - STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	12	\$1,400.00	\$16,800.00	\$1,200.00	\$14,400.00
5	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	\$2,300.00	\$4,600.00
6	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$3,000.00	\$33,000.00	\$2,000.00	\$22,000.00
7	DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPES, DEPTH VARIES, COMPLETE IN PLACE	LF	1619	\$3.00	\$4,857.00	\$3.00	\$4,857.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1600	\$0.10	\$160.00	\$1.00	\$1,600.00
9	PRECAST OR CAST-IN-PLACE MANHOLE WITH TYPE 'E' INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,800.00	\$2,800.00	\$2,250.00	\$2,250.00
ROSE MEADOW FARMS SEC 4 STORM SEWER ITEMS SUBTOTAL:					\$163,592.00		\$156,332.00
OFFSITE STORM SEWER ITEMS							
1	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	596	\$97.00	\$57,812.00	\$98.00	\$58,408.00
2	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1013	\$123.00	\$124,599.00	\$127.00	\$128,651.00

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 TO SERVE ROSE MEADOW FARMS SECTION 4
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JANUARY 29, 2021
 LJA ENGINEERING, INC.
 L. MARTINEZ
 JANUARY 29, 2021
 1004-0429 (9.2)

BID OPENING DATE:
BID OPENING LOCATION:
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ITEM	DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD		5) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	48" CMP STORM SEWER PIPE AS SHOWN PER PLANS, ALL DEPTHS, INCLUDING EXCAVATION, BEDDING, BACKFILL, COMPLETE IN PLACE	LF	180	\$141.00	\$25,380.00	\$120.00	\$21,600.00
4	TIMBER BENT, INSTALLED PER HARRIS COUNTY DETAILS, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$2,700.00	\$2,700.00
5	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	13	\$2,300.00	\$29,900.00	\$3,500.00	\$45,500.00
6	18" THICK RIP-RAP, COMPLETE IN PLACE	SY	97	\$88.00	\$8,536.00	\$95.00	\$9,215.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1789	\$0.10	\$178.90	\$1.00	\$1,789.00
OFFSITE STORM SEWER ITEMS SUBTOTAL:					\$247,905.90		\$267,863.00
MISCELLANEOUS ITEMS							
1	FURNISH PERFORMANCE, PAYMENT AND MAINTENANCE BONDS PER CONTRACT DOCUMENTS, COMPLETE IN PLACE	LS	1	\$34,980.30	\$34,980.30	\$13,200.00	\$13,200.00
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	\$2.00	\$200.00
3	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.00	\$100.00	\$2.00	\$200.00
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	\$10.00	\$10.00
5	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00
6	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
7	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	1	\$1.00	\$1.00	\$2,000.00	\$2,000.00
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	\$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	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
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	\$1.00	\$1.00	\$100.00	\$100.00
12	DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2500	\$1.00	\$2,500.00	\$15.00	\$37,500.00
13	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$800.00	\$800.00	\$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	\$500.00	\$500.00	\$400.00	\$400.00
15	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$450.00	\$450.00	\$1,000.00	\$1,000.00
16	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$1,650.00	\$3,300.00

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 TO SERVE ROSE MEADOW FARMS SECTION 4
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 542
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JANUARY 29, 2021
 LJA ENGINEERING, INC.
 L. MARTINEZ
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 1004-0429 (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD		5) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	UTILITY SPOILS (ESTIMATED QUANTITY OF 4,214 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	\$3,000.00	\$3,000.00	\$1.00	\$1.00
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	\$1.00	\$1.00	\$50.00	\$50.00
19	EXTRA DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPES, DEPTH VARIES, COMPLETE IN PLACE	LF	1000	\$1.00	\$1,000.00	\$3.00	\$3,000.00
20	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$47,383.30	\$67,711.00	
BIDDING SUMMARY							
SUBTOTAL ROSE MEADOW FARMS SEC 4 WATER ITEMS					\$51,657.70	\$52,142.00	
SUBTOTAL ROSE MEADOW FARMS SEC 4 SANITARY SEWER ITEMS					\$135,532.90	\$135,149.00	
SUBTOTAL OFFSITE SANITARY SEWER ITEMS					\$102,927.20	\$124,053.00	
SUBTOTAL ROSE MEADOW FARMS SEC 4 STORM SEWER ITEMS					\$163,592.00	\$156,332.00	
SUBTOTAL OFFSITE STORM SEWER ITEMS					\$247,905.90	\$267,863.00	
SUBTOTAL MISCELLANEOUS ITEMS					\$47,383.30	\$67,711.00	
TOTAL AMOUNT BASE BID					\$748,999.00	\$803,250.00	

LJA Engineering, Inc.