

BID TABULATION FOR:

CONSTRUCTION OF THE OFFSITE WATER AND SANITARY FACILITIES  
TO SERVE CREEKLAND VILLAGE SECTION 1 & 2  
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491  
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
APRIL 1, 2021  
LJA ENGINEERING, INC.  
A.ACAROTHERS  
APRIL 8, 2021  
1104-6006 (9.2)

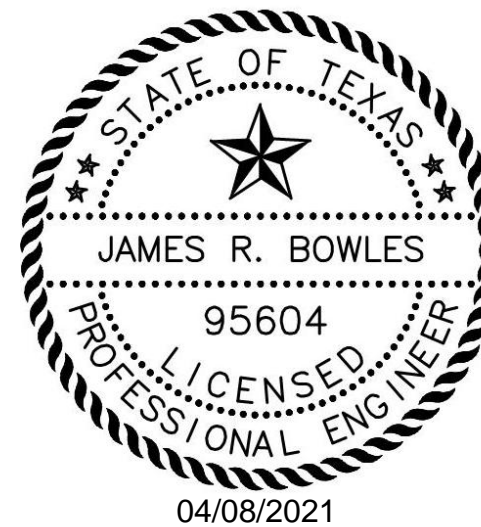
BID OPENING DATE:  
BID OPENING LOCATION:  
TABULATION BY:  
TABULATION DATE:  
LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID
1) BAY UTILITIES. LLC	\$918,334.40
2) R CONSTRUCTION CIVIL	\$994,482.00
3) PRINCIPAL SERVICES, LTD	\$1,005,572.09
4) TEXASITE, LLC	\$1,010,092.00
5) AR TURNKEE	\$1,010,164.50
6) D. L. ELLIOTT ENTERPRISES, INC.	\$1,014,631.00
7) CE BARKER, LTD	\$1,098,187.64
8) BLAZEY CONSTRUCTION SERVICES LLC	\$1,124,970.86
9) KENNETH LAMB CONSTRUCTION	\$1,168,009.00
10) FELLERS AND CLARK LLC	\$1,204,500.00
11) TRIPLE B SERVICES, LLP	\$1,209,918.00

CALENDAR DAYS 40/50



I, Randy Bowles, P.E., hereby certify these bid tabulations to be true and correct.



**BID TABULATION FOR:**

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

CONSTRUCTION OF THE OFFSITE WATER AND SANITARY FACILITIES  
 TO SERVE CREEKLAND VILLAGE SECTION 1 & 2  
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 APRIL 1, 2021  
 LJA ENGINEERING, INC.  
 A.ACAROTHERS  
 APRIL 8, 2021  
 1104-6006 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) BAY UTILITIES. LLC		2) R CONSTRUCTION CIVIL		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1	16" PVC WATER PIPE, AWWA C-905, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	944	\$57.00	\$53,808.00	\$63.00	\$59,472.00	\$62.00	\$58,528.00
2	16" PVC RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	360	\$80.00	\$28,800.00	\$87.00	\$31,320.00	\$82.00	\$29,520.00
3	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	1304	\$0.10	\$130.40	\$0.10	\$130.40	\$0.10	\$130.40
4	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD, FLUSHING VALVE, COMPLETE IN PLACE	EA	4	\$4,000.00	\$16,000.00	\$5,500.00	\$22,000.00	\$4,800.00	\$19,200.00
5	16" AWWA BUTTERFLY VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$6,000.00	\$18,000.00	\$4,500.00	\$13,500.00	\$4,000.00	\$12,000.00
6	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$300.00	\$600.00	\$1,000.00	\$2,000.00	\$950.00	\$1,900.00
7	PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE	EA	2	\$1,600.00	\$3,200.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00
8	METHOD "A" CONSTRUCTION STAKING FOR ALL UNDERGROUND UTILITIES BY THE CONTRACTOR PER LJA SURVEYING, INC., COMPLETE IN PLACE	LS	1	\$10,700.00	\$10,700.00	\$10,700.00	\$10,700.00	\$10,700.00	\$10,700.00
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$131,238.40</b>		<b>\$140,122.40</b>		<b>\$132,978.40</b>
<b>SANITARY SEWER ITEMS</b>									
1	15" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, 16'-20' DEPTH, INCLUDES BEDDING AND BACKFILL COMPLETE IN PLACE	LF	755	\$63.00	\$47,565.00	\$65.00	\$49,075.00	\$64.00	\$48,320.00
2	18" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, 12' - 16' CUT, INCLUDES BEDDING AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2506	\$95.00	\$238,070.00	\$95.00	\$238,070.00	\$93.00	\$233,058.00
3	18" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, 20'-24' CUT, INCLUDES BEDDING AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	372	\$105.00	\$39,060.00	\$135.00	\$50,220.00	\$153.00	\$56,916.00
4	21" PVC SEWER PIPE, ASTM F-679, PS 115, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL COMPLETE IN PLACE	LF	38	\$110.00	\$4,180.00	\$130.00	\$4,940.00	\$96.00	\$3,648.00
5	10" SANITARY FORCE MAIN, AWWA C-900, DR-18, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2870	\$34.00	\$97,580.00	\$35.00	\$100,450.00	\$40.00	\$114,800.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5796	\$0.50	\$2,898.00	\$0.10	\$579.60	\$0.10	\$579.60
7	STANDARD SANITARY SEWER MANHOLE (0'-8' DEPTH), (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	15	\$2,300.00	\$34,500.00	\$2,500.00	\$37,500.00	\$2,600.00	\$39,000.00
8	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	175	\$150.00	\$26,250.00	\$120.00	\$21,000.00	\$161.00	\$28,175.00
9	REMOVE SANITARY SEWER PLUG AND CONNECT PROPOSED 10" FORCE MAIN, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$800.00	\$800.00	\$600.00	\$600.00
10	REMOVE SANITARY SEWER PLUG AND CONNECT PROPOSED 21" SANITARY SEWER PIPE, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,500.00	\$1,500.00	\$1,100.00	\$1,100.00
11	15" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$200.00	\$200.00	\$100.00	\$100.00
12	FORCE MAIN AIR RELEASE VALVE, INCLUDING MANHOLE, ALL FITTINGS, EXCAVATION, BACKFILL, FOUNDATION AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$14,000.00	\$14,000.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00
13	5' DIAMETER CORRISON RESISTANT SANITARY SEWER MANHOLE (ALL DEPTHS) INCLUDES ALL NECESSARY FITTINGS, COMPLETE IN PLACE	EA	1	\$18,000.00	\$18,000.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00

**BID TABULATION FOR:**

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

CONSTRUCTION OF THE OFFSITE WATER AND SANITARY FACILITIES  
 TO SERVE CREEKLAND VILLAGE SECTION 1 & 2  
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 APRIL 1, 2021  
 LJA ENGINEERING, INC.  
 A.ACAROTHERS  
 APRIL 8, 2021  
 1104-6006 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) BAY UTILITIES. LLC		2) R CONSTRUCTION CIVIL		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	SANITARY SEWER MANHOLE VENT FOR SEALED MANHOLE, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$2,100.00	\$2,100.00
15	AUGER SECTION WITH PVC CASING FOR 15" SANITARY SEWER PIPE, (EXCLUDES 15" CARRIER PIPE), COMPLETE IN PLACE	LF	100	\$200.00	\$20,000.00	\$250.00	\$25,000.00	\$270.00	\$27,000.00
16	AUGER SECTION WITH PVC CASING FOR 10" SANITARY FORCE MAIN, (EXCLUDES 10" CARRIER PIPE), COMPLETE IN PLACE	LF	100	\$140.00	\$14,000.00	\$200.00	\$20,000.00	\$212.00	\$21,200.00
17	AUGER SECTION WITH PVC CASING FOR 10" SANITARY FORCE MAIN UNDER K155, (EXCLUDES 10" CARRIER PIPE), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	560	\$136.00	\$76,160.00	\$220.00	\$123,200.00	\$212.00	\$118,720.00
<b>SANITARY SEWER ITEMS SUBTOTAL:</b>					<b>\$637,863.00</b>	<b>\$699,534.60</b>		<b>\$715,316.60</b>	
<b>MISCELLANEOUS ITEMS</b>									
1	SANITARY SEWER WET SAND CONSTRUCTION AS PER DETAILS AND RECOMMENDED BY GEOTECHNICAL ENGINEER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1400	\$5.00	\$7,000.00	\$5.00	\$7,000.00	\$5.00	\$7,000.00
2	DEWATERING FOR SANITARY SEWER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	2900	\$20.00	\$58,000.00	\$20.00	\$58,000.00	\$20.00	\$58,000.00
3	CLEARING AND GRUBBING, TO INCLUDE CHIPPING AND HAULING OFFSITE OF CLEARED MATERIAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$7,000.00	\$7,000.00	\$4,786.09	\$4,786.09
4	4" SCHEDULE 40 P.V.C. SLEEVES, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$12.00	\$6,000.00	\$20.00	\$10,000.00	\$30.00	\$15,000.00
5	6" SCHEDULE 40 P.V.C. SLEEVES, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$17.00	\$8,500.00	\$25.00	\$12,500.00	\$35.00	\$17,500.00
6	SUITABLE UTILITY SOILS TO BE DISPOSED OF ON SITE WITHIN ROW, ENSURE DRAINAGE IS NOT BLOCKED, TO KEEP POSITIVE DRAINAGE, (INCLUDES 4" STRIPPINGS, STOCKPILING AND REAPPLICATION OF STRIPPINGS TO FILL AREAS), COMPACTION 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	CY	3220	\$1.50	\$4,830.00	\$2.50	\$8,050.00	\$1.00	\$3,220.00
7	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES MAINTENANCE AND REMOVAL OF FILTER FABRIC FENCING, INLET PROTECTION, CONCRETE WASHOUT, AND CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$500.00	\$500.00	\$500.00	\$500.00
8	EXTRA CEMENT STABILIZED SAND, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$24.00	\$2,400.00	\$1.00	\$100.00	\$0.10	\$10.00
9	SWALE, "V" BOTTOM 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	3000	\$3.00	\$9,000.00	\$3.00	\$9,000.00	\$4.00	\$12,000.00
10	TEMPORARY 12' ACESS ROAD, COMPLETE IN PLACE	SY	1707	\$29.00	\$49,503.00	\$25.00	\$42,675.00	\$23.00	\$39,261.00
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$149,233.00</b>	<b>\$154,825.00</b>		<b>\$157,277.09</b>	
<b>BIDDING SUMMARY</b>									
SUBTOTAL WATER ITEMS					\$131,238.40	\$140,122.40		\$132,978.40	
SUBTOTAL SANITARY SEWER ITEMS					\$637,863.00	\$699,534.60		\$715,316.60	
SUBTOTAL MISCELLANEOUS ITEMS					\$149,233.00	\$154,825.00		\$157,277.09	
<b>TOTAL AMOUNT BASE BID</b>					<b>\$918,334.40</b>	<b>\$994,482.00</b>		<b>\$1,005,572.09</b>	

**BID TABULATION FOR:**

CONSTRUCTION OF THE OFFSITE WATER AND SANITARY FACILITIES  
 TO SERVE CREEKLAND VILLAGE SECTION 1 & 2  
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 APRIL 1, 2021  
 LJA ENGINEERING, INC.  
 A.ACAROTHERS  
 APRIL 8, 2021  
 1104-6006 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) TEXASITE, LLC		5) AR TURNKEE		6) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1	16" PVC WATER PIPE, AWWA C-905, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	944	\$60.00	\$56,640.00	\$68.75	\$64,900.00	\$70.00	\$66,080.00
2	16" PVC RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	360	\$95.00	\$34,200.00	\$95.00	\$34,200.00	\$96.00	\$34,560.00
3	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	1304	\$1.00	\$1,304.00	\$0.50	\$652.00	\$1.00	\$1,304.00
4	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD, FLUSHING VALVE, COMPLETE IN PLACE	EA	4	\$4,150.00	\$16,600.00	\$4,900.00	\$19,600.00	\$5,100.00	\$20,400.00
5	16" AWWA BUTTERFLY VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$8,500.00	\$25,500.00	\$4,350.00	\$13,050.00	\$4,400.00	\$13,200.00
6	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$800.00	\$1,600.00	\$655.00	\$1,310.00	\$1,100.00	\$2,200.00
7	PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE	EA	2	\$1,100.00	\$2,200.00	\$921.00	\$1,842.00	\$660.00	\$1,320.00
8	METHOD "A" CONSTRUCTION STAKING FOR ALL UNDERGROUND UTILITIES BY THE CONTRACTOR PER LJA SURVEYING, INC., COMPLETE IN PLACE	LS	1	\$10,700.00	\$10,700.00	\$10,700.00	\$10,700.00	\$10,700.00	\$10,700.00
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$148,744.00</b>	<b>\$146,254.00</b>	<b>\$149,764.00</b>		
<b>SANITARY SEWER ITEMS</b>									
1	15" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, 16'-20' DEPTH, INCLUDES BEDDING AND BACKFILL COMPLETE IN PLACE	LF	755	\$65.00	\$49,075.00	\$71.00	\$53,605.00	\$84.00	\$63,420.00
2	18" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, 12' - 16' CUT, INCLUDES BEDDING AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2506	\$100.00	\$250,600.00	\$95.00	\$238,070.00	\$106.00	\$265,636.00
3	18" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, 20'-24' CUT, INCLUDES BEDDING AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	372	\$133.00	\$49,476.00	\$152.50	\$56,730.00	\$136.00	\$50,592.00
4	21" PVC SEWER PIPE, ASTM F-679, PS 115, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL COMPLETE IN PLACE	LF	38	\$99.00	\$3,762.00	\$111.00	\$4,218.00	\$230.00	\$8,740.00
5	10" SANITARY FORCE MAIN, AWWA C-900, DR-18, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2870	\$35.00	\$100,450.00	\$42.00	\$120,540.00	\$32.00	\$91,840.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5796	\$2.00	\$11,592.00	\$1.50	\$8,694.00	\$1.00	\$5,796.00
7	STANDARD SANITARY SEWER MANHOLE (0'-8' DEPTH), (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	15	\$2,700.00	\$40,500.00	\$2,150.00	\$32,250.00	\$2,350.00	\$35,250.00
8	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	175	\$165.00	\$28,875.00	\$95.00	\$16,625.00	\$120.00	\$21,000.00
9	REMOVE SANITARY SEWER PLUG AND CONNECT PROPOSED 10" FORCE MAIN, COMPLETE IN PLACE	EA	1	\$850.00	\$850.00	\$750.00	\$750.00	\$340.00	\$340.00
10	REMOVE SANITARY SEWER PLUG AND CONNECT PROPOSED 21" SANITARY SEWER PIPE, COMPLETE IN PLACE	EA	1	\$850.00	\$850.00	\$1,400.00	\$1,400.00	\$900.00	\$900.00
11	15" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$450.00	\$450.00	\$400.00	\$400.00
12	FORCE MAIN AIR RELEASE VALVE, INCLUDING MANHOLE, ALL FITTINGS, EXCAVATION, BACKFILL, FOUNDATION AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$14,650.00	\$14,650.00	\$12,100.00	\$12,100.00	\$14,000.00	\$14,000.00
13	5' DIAMETER CORRISON RESISTANT SANITARY SEWER MANHOLE (ALL DEPTHS) INCLUDES ALL NECESSARY FITTINGS, COMPLETE IN PLACE	EA	1	\$13,500.00	\$13,500.00	\$5,100.00	\$5,100.00	\$13,000.00	\$13,000.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE OFFSITE WATER AND SANITARY FACILITIES  
 TO SERVE CREEKLAND VILLAGE SECTION 1 & 2  
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 APRIL 1, 2021  
 LJA ENGINEERING, INC.  
 A.ACAROTHERS  
 APRIL 8, 2021  
 1104-6006 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) TEXASITE, LLC		5) AR TURNKEE		6) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	SANITARY SEWER MANHOLE VENT FOR SEALED MANHOLE, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$3,000.00	\$3,000.00	\$2,300.00	\$2,300.00
15	AUGER SECTION WITH PVC CASING FOR 15" SANITARY SEWER PIPE, (EXCLUDES 15" CARRIER PIPE), COMPLETE IN PLACE	LF	100	\$245.00	\$24,500.00	\$231.00	\$23,100.00	\$230.00	\$23,000.00
16	AUGER SECTION WITH PVC CASING FOR 10" SANITARY FORCE MAIN, (EXCLUDES 10" CARRIER PIPE), COMPLETE IN PLACE	LF	100	\$205.00	\$20,500.00	\$165.00	\$16,500.00	\$180.00	\$18,000.00
17	AUGER SECTION WITH PVC CASING FOR 10" SANITARY FORCE MAIN UNDER K155, (EXCLUDES 10" CARRIER PIPE), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	560	\$230.00	\$128,800.00	\$155.00	\$86,800.00	\$190.00	\$106,400.00
<b>SANITARY SEWER ITEMS SUBTOTAL:</b>					<b>\$740,280.00</b>	<b>\$679,932.00</b>	<b>\$720,614.00</b>		
<b>MISCELLANEOUS ITEMS</b>									
1	SANITARY SEWER WET SAND CONSTRUCTION AS PER DETAILS AND RECOMMENDED BY GEOTECHNICAL ENGINEER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1400	\$5.00	\$7,000.00	\$5.00	\$7,000.00	\$5.00	\$7,000.00
2	DEWATERING FOR SANITARY SEWER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	2900	\$20.00	\$58,000.00	\$20.00	\$58,000.00	\$20.00	\$58,000.00
3	CLEARING AND GRUBBING, TO INCLUDE CHIPPING AND HAULING OFFSITE OF CLEARED MATERIAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1.00	\$1.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00
4	4" SCHEDULE 40 P.V.C. SLEEVES, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$1.00	\$500.00	\$19.50	\$9,750.00	\$25.00	\$12,500.00
5	6" SCHEDULE 40 P.V.C. SLEEVES, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$1.00	\$500.00	\$26.25	\$13,125.00	\$27.00	\$13,500.00
6	SUITABLE UTILITY SOILS TO BE DISPOSED OF ON SITE WITHIN ROW, ENSURE DRAINAGE IS NOT BLOCKED, TO KEEP POSITIVE DRAINAGE, (INCLUDES 4" STRIPPINGS, STOCKPILING AND REAPPLICATION OF STRIPPINGS TO FILL AREAS), COMPACTION 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	CY	3220	\$1.00	\$3,220.00	\$3.50	\$11,270.00	\$1.00	\$3,220.00
7	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES MAINTENANCE AND REMOVAL OF FILTER FABRIC FENCING, INLET PROTECTION, CONCRETE WASHOUT, AND CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$1,200.00	\$1,200.00	\$2,800.00	\$2,800.00
8	EXTRA CEMENT STABILIZED SAND, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$25.00	\$2,500.00	\$20.00	\$2,000.00	\$28.00	\$2,800.00
9	SWALE, "V" BOTTOM 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	3000	\$4.00	\$12,000.00	\$2.50	\$7,500.00	\$2.00	\$6,000.00
10	TEMPORARY 12' ACESS ROAD, COMPLETE IN PLACE	SY	1707	\$21.00	\$35,847.00	\$40.50	\$69,133.50	\$19.00	\$32,433.00
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$121,068.00</b>	<b>\$183,978.50</b>	<b>\$144,253.00</b>		
<b>BIDDING SUMMARY</b>									
SUBTOTAL WATER ITEMS					\$148,744.00	\$146,254.00	\$149,764.00		
SUBTOTAL SANITARY SEWER ITEMS					\$740,280.00	\$679,932.00	\$720,614.00		
SUBTOTAL MISCELLANEOUS ITEMS					\$121,068.00	\$183,978.50	\$144,253.00		
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,010,092.00</b>	<b>\$1,010,164.50</b>	<b>\$1,014,631.00</b>		

**BID TABULATION FOR:**

CONSTRUCTION OF THE OFFSITE WATER AND SANITARY FACILITIES  
 TO SERVE CREEKLAND VILLAGE SECTION 1 & 2  
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 APRIL 1, 2021  
 LJA ENGINEERING, INC.  
 A.ACAROTHERS  
 APRIL 8, 2021  
 1104-6006 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) CE BARKER, LTD		8) BLAZEY CONSTRUCTION SERVICES LLC		9) KENNETH LAMB CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1	16" PVC WATER PIPE, AWWA C-905, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	944	\$67.08	\$63,323.52	\$61.00	\$57,584.00	\$77.00	\$72,688.00
2	16" PVC RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	360	\$86.77	\$31,237.20	\$80.00	\$28,800.00	\$115.00	\$41,400.00
3	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	1304	\$1.00	\$1,304.00	\$0.54	\$704.16	\$1.00	\$1,304.00
4	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD, FLUSHING VALVE, COMPLETE IN PLACE	EA	4	\$4,961.46	\$19,845.84	\$4,005.00	\$16,020.00	\$4,980.00	\$19,920.00
5	16" AWWA BUTTERFLY VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$11,939.03	\$35,817.09	\$3,710.65	\$11,131.95	\$4,562.00	\$13,686.00
6	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$276.95	\$553.90	\$391.18	\$782.36	\$1,171.00	\$2,342.00
7	PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE	EA	2	\$1,685.98	\$3,371.96	\$1,495.00	\$2,990.00	\$1,410.00	\$2,820.00
8	METHOD "A" CONSTRUCTION STAKING FOR ALL UNDERGROUND UTILITIES BY THE CONTRACTOR PER LJA SURVEYING, INC., COMPLETE IN PLACE	LS	1	\$10,700.00	\$10,700.00	\$10,700.00	\$10,700.00	\$10,700.00	\$10,700.00
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$166,153.51</b>		<b>\$128,712.47</b>		<b>\$164,860.00</b>
<b>SANITARY SEWER ITEMS</b>									
1	15" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, 16'-20' DEPTH, INCLUDES BEDDING AND BACKFILL COMPLETE IN PLACE	LF	755	\$79.58	\$60,082.90	\$105.55	\$79,690.25	\$76.00	\$57,380.00
2	18" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, 12' - 16' CUT, INCLUDES BEDDING AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2506	\$108.34	\$271,500.04	\$139.30	\$349,085.80	\$107.00	\$268,142.00
3	18" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, 20'-24' CUT, INCLUDES BEDDING AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	372	\$128.05	\$47,634.60	\$161.11	\$59,932.92	\$119.00	\$44,268.00
4	21" PVC SEWER PIPE, ASTM F-679, PS 115, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL COMPLETE IN PLACE	LF	38	\$115.38	\$4,384.44	\$211.42	\$8,033.96	\$115.00	\$4,370.00
5	10" SANITARY FORCE MAIN, AWWA C-900, DR-18, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2870	\$35.51	\$101,913.70	\$30.61	\$87,850.70	\$44.00	\$126,280.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5796	\$1.00	\$5,796.00	\$1.08	\$6,259.68	\$2.00	\$11,592.00
7	STANDARD SANITARY SEWER MANHOLE (0'-8' DEPTH), (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	15	\$4,800.53	\$72,007.95	\$2,785.00	\$41,775.00	\$3,000.00	\$45,000.00
8	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	175	\$149.07	\$26,087.25	\$118.70	\$20,772.50	\$200.00	\$35,000.00
9	REMOVE SANITARY SEWER PLUG AND CONNECT PROPOSED 10" FORCE MAIN, COMPLETE IN PLACE	EA	1	\$1,120.15	\$1,120.15	\$1,932.40	\$1,932.40	\$1,441.00	\$1,441.00
10	REMOVE SANITARY SEWER PLUG AND CONNECT PROPOSED 21" SANITARY SEWER PIPE, COMPLETE IN PLACE	EA	1	\$2,260.14	\$2,260.14	\$2,447.45	\$2,447.45	\$2,290.00	\$2,290.00
11	15" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$338.30	\$338.30	\$698.39	\$698.39	\$1,400.00	\$1,400.00
12	FORCE MAIN AIR RELEASE VALVE, INCLUDING MANHOLE, ALL FITTINGS, EXCAVATION, BACKFILL, FOUNDATION AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$12,194.55	\$12,194.55	\$15,866.00	\$15,866.00	\$13,400.00	\$13,400.00
13	5' DIAMETER CORRISON RESISTANT SANITARY SEWER MANHOLE (ALL DEPTHS) INCLUDES ALL NECESSARY FITTINGS, COMPLETE IN PLACE	EA	1	\$15,362.53	\$15,362.53	\$15,949.41	\$15,949.41	\$4,000.00	\$4,000.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE OFFSITE WATER AND SANITARY FACILITIES  
 TO SERVE CREEKLAND VILLAGE SECTION 1 & 2  
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 APRIL 1, 2021  
 LJA ENGINEERING, INC.  
 A.ACAROTHERS  
 APRIL 8, 2021  
 1104-6006 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) CE BARKER, LTD		8) BLAZEY CONSTRUCTION SERVICES LLC		9) KENNETH LAMB CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	SANITARY SEWER MANHOLE VENT FOR SEALED MANHOLE, COMPLETE IN PLACE	EA	1	\$3,658.31	\$3,658.31	\$3,185.57	\$3,185.57	\$2,500.00	\$2,500.00
15	AUGER SECTION WITH PVC CASING FOR 15" SANITARY SEWER PIPE, (EXCLUDES 15" CARRIER PIPE), COMPLETE IN PLACE	LF	100	\$251.79	\$25,179.00	\$280.00	\$28,000.00	\$239.00	\$23,900.00
16	AUGER SECTION WITH PVC CASING FOR 10" SANITARY FORCE MAIN, (EXCLUDES 10" CARRIER PIPE), COMPLETE IN PLACE	LF	100	\$180.64	\$18,064.00	\$191.00	\$19,100.00	\$164.00	\$16,400.00
17	AUGER SECTION WITH PVC CASING FOR 10" SANITARY FORCE MAIN UNDER K155, (EXCLUDES 10" CARRIER PIPE), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	560	\$198.84	\$111,350.40	\$191.00	\$106,960.00	\$254.00	\$142,240.00
<b>SANITARY SEWER ITEMS SUBTOTAL:</b>					<b>\$778,934.26</b>	<b>\$847,540.03</b>	<b>\$799,603.00</b>		
<b>MISCELLANEOUS ITEMS</b>									
1	SANITARY SEWER WET SAND CONSTRUCTION AS PER DETAILS AND RECOMMENDED BY GEOTECHNICAL ENGINEER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1400	\$5.00	\$7,000.00	\$5.00	\$7,000.00	\$5.00	\$7,000.00
2	DEWATERING FOR SANITARY SEWER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	2900	\$20.00	\$58,000.00	\$20.00	\$58,000.00	\$20.00	\$58,000.00
3	CLEARING AND GRUBBING, TO INCLUDE CHIPPING AND HAULING OFFSITE OF CLEARED MATERIAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$0.01	\$0.01	\$4,500.00	\$4,500.00	\$8,500.00	\$8,500.00
4	4" SCHEDULE 40 P.V.C. SLEEVES, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$22.45	\$11,225.00	\$19.80	\$9,900.00	\$25.00	\$12,500.00
5	6" SCHEDULE 40 P.V.C. SLEEVES, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$28.14	\$14,070.00	\$26.17	\$13,085.00	\$35.00	\$17,500.00
6	SUITABLE UTILITY SOILS TO BE DISPOSED OF ON SITE WITHIN ROW, ENSURE DRAINAGE IS NOT BLOCKED, TO KEEP POSITIVE DRAINAGE, (INCLUDES 4" STRIPPINGS, STOCKPILING AND REAPPLICATION OF STRIPPINGS TO FILL AREAS), COMPACTION 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	CY	3220	\$3.54	\$11,398.80	\$1.75	\$5,635.00	\$6.00	\$19,320.00
7	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES MAINTENANCE AND REMOVAL OF FILTER FABRIC FENCING, INLET PROTECTION, CONCRETE WASHOUT, AND CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	LS	1	\$735.93	\$735.93	\$3,237.36	\$3,237.36	\$2,000.00	\$2,000.00
8	EXTRA CEMENT STABILIZED SAND, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$25.00	\$2,500.00	\$15.00	\$1,500.00	\$30.00	\$3,000.00
9	SWALE, "V" BOTTOM 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	3000	\$4.91	\$14,730.00	\$2.20	\$6,600.00	\$15.00	\$45,000.00
10	TEMPORARY 12' ACESS ROAD, COMPLETE IN PLACE	SY	1707	\$19.59	\$33,440.13	\$23.00	\$39,261.00	\$18.00	\$30,726.00
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$153,099.87</b>	<b>\$148,718.36</b>	<b>\$203,546.00</b>		
<b>BIDDING SUMMARY</b>									
SUBTOTAL WATER ITEMS					\$166,153.51	\$128,712.47	\$164,860.00		
SUBTOTAL SANITARY SEWER ITEMS					\$778,934.26	\$847,540.03	\$799,603.00		
SUBTOTAL MISCELLANEOUS ITEMS					\$153,099.87	\$148,718.36	\$203,546.00		
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,098,187.64</b>	<b>\$1,124,970.86</b>	<b>\$1,168,009.00</b>		

**BID TABULATION FOR:**

CONSTRUCTION OF THE OFFSITE WATER AND SANITARY FACILITIES  
 TO SERVE CREEKLAND VILLAGE SECTION 1 & 2  
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 APRIL 1, 2021  
 LJA ENGINEERING, INC.  
 A.ACAROTHERS  
 APRIL 8, 2021  
 1104-6006 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	10) FELLERS AND CLARK LLC		11) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>							
1	16" PVC WATER PIPE, AWWA C-905, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	944	\$73.95	\$69,808.80	\$76.50	\$72,216.00
2	16" PVC RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	360	\$111.80	\$40,248.00	\$105.50	\$37,980.00
3	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	1304	\$0.15	\$195.60	\$0.10	\$130.40
4	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD, FLUSHING VALVE, COMPLETE IN PLACE	EA	4	\$4,590.00	\$18,360.00	\$5,400.00	\$21,600.00
5	16" AWWA BUTTERFLY VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$8,465.00	\$25,395.00	\$5,130.00	\$15,390.00
6	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$510.00	\$1,020.00	\$1,175.00	\$2,350.00
7	PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE	EA	2	\$615.00	\$1,230.00	\$1,000.00	\$2,000.00
8	METHOD "A" CONSTRUCTION STAKING FOR ALL UNDERGROUND UTILITIES BY THE CONTRACTOR PER LJA SURVEYING, INC., COMPLETE IN PLACE	LS	1	\$10,700.00	\$10,700.00	\$10,700.00	\$10,700.00
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$166,957.40</b>		<b>\$162,366.40</b>
<b>SANITARY SEWER ITEMS</b>							
1	15" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, 16'-20' DEPTH, INCLUDES BEDDING AND BACKFILL COMPLETE IN PLACE	LF	755	\$79.05	\$59,682.75	\$82.00	\$61,910.00
2	18" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, 12' - 16' CUT, INCLUDES BEDDING AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2506	\$133.60	\$334,801.60	\$128.00	\$320,768.00
3	18" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, 20'-24' CUT, INCLUDES BEDDING AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	372	\$133.60	\$49,699.20	\$134.00	\$49,848.00
4	21" PVC SEWER PIPE, ASTM F-679, PS 115, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL COMPLETE IN PLACE	LF	38	\$207.75	\$7,894.50	\$185.00	\$7,030.00
5	10" SANITARY FORCE MAIN, AWWA C-900, DR-18, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2870	\$39.95	\$114,656.50	\$40.50	\$116,235.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5796	\$0.15	\$869.40	\$0.10	\$579.60
7	STANDARD SANITARY SEWER MANHOLE (0'-8' DEPTH), (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	15	\$2,315.00	\$34,725.00	\$4,400.00	\$66,000.00
8	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	175	\$133.20	\$23,310.00	\$125.00	\$21,875.00
9	REMOVE SANITARY SEWER PLUG AND CONNECT PROPOSED 10" FORCE MAIN, COMPLETE IN PLACE	EA	1	\$190.00	\$190.00	\$1,000.00	\$1,000.00
10	REMOVE SANITARY SEWER PLUG AND CONNECT PROPOSED 21" SANITARY SEWER PIPE, COMPLETE IN PLACE	EA	1	\$445.00	\$445.00	\$3,000.00	\$3,000.00
11	15" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$285.00	\$285.00	\$710.00	\$710.00
12	FORCE MAIN AIR RELEASE VALVE, INCLUDING MANHOLE, ALL FITTINGS, EXCAVATION, BACKFILL, FOUNDATION AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$16,320.00	\$16,320.00	\$15,000.00	\$15,000.00
13	5' DIAMETER CORRISON RESISTANT SANITARY SEWER MANHOLE (ALL DEPTHS) INCLUDES ALL NECESSARY FITTINGS, COMPLETE IN PLACE	EA	1	\$10,380.00	\$10,380.00	\$15,000.00	\$15,000.00



**BID TABULATION FOR:**

CONSTRUCTION OF THE OFFSITE WATER AND SANITARY FACILITIES  
 TO SERVE CREEKLAND VILLAGE SECTION 1 & 2  
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 APRIL 1, 2021  
 LJA ENGINEERING, INC.  
 A.ACAROTHERS  
 APRIL 8, 2021  
 1104-6006 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	10) FELLERS AND CLARK LLC		11) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	SANITARY SEWER MANHOLE VENT FOR SEALED MANHOLE, COMPLETE IN PLACE	EA	1	\$2,505.00	\$2,505.00	\$2,300.00	\$2,300.00
15	AUGER SECTION WITH PVC CASING FOR 15" SANITARY SEWER PIPE, (EXCLUDES 15" CARRIER PIPE), COMPLETE IN PLACE	LF	100	\$355.15	\$35,515.00	\$219.00	\$21,900.00
16	AUGER SECTION WITH PVC CASING FOR 10" SANITARY FORCE MAIN, (EXCLUDES 10" CARRIER PIPE), COMPLETE IN PLACE	LF	100	\$177.60	\$17,760.00	\$136.00	\$13,600.00
17	AUGER SECTION WITH PVC CASING FOR 10" SANITARY FORCE MAIN UNDER K155, (EXCLUDES 10" CARRIER PIPE), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	560	\$171.25	\$95,900.00	\$270.00	\$151,200.00
<b>SANITARY SEWER ITEMS SUBTOTAL:</b>					<b>\$804,938.95</b>	<b>\$867,955.60</b>	
<b>MISCELLANEOUS ITEMS</b>							
1	SANITARY SEWER WET SAND CONSTRUCTION AS PER DETAILS AND RECOMMENDED BY GEOTECHNICAL ENGINEER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1400	\$5.00	\$7,000.00	\$5.00	\$7,000.00
2	DEWATERING FOR SANITARY SEWER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	2900	\$20.00	\$58,000.00	\$20.00	\$58,000.00
3	CLEARING AND GRUBBING, TO INCLUDE CHIPPING AND HAULING OFFSITE OF CLEARED MATERIAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,900.00	\$1,900.00	\$12,600.00	\$12,600.00
4	4" SCHEDULE 40 P.V.C. SLEEVES, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$29.40	\$14,700.00	\$22.00	\$11,000.00
5	6" SCHEDULE 40 P.V.C. SLEEVES, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$30.65	\$15,325.00	\$27.50	\$13,750.00
6	SUITABLE UTILITY SOILS TO BE DISPOSED OF ON SITE WITHIN ROW, ENSURE DRAINAGE IS NOT BLOCKED, TO KEEP POSITIVE DRAINAGE, (INCLUDES 4" STRIPPINGS, STOCKPILING AND REAPPLICATION OF STRIPPINGS TO FILL AREAS), COMPACTION 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	CY	3220	\$3.80	\$12,236.00	\$6.75	\$21,735.00
7	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES MAINTENANCE AND REMOVAL OF FILTER FABRIC FENCING, INLET PROTECTION, CONCRETE WASHOUT, AND CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	LS	1	\$1,869.15	\$1,869.15	\$4,000.00	\$4,000.00
8	EXTRA CEMENT STABILIZED SAND, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$30.00	\$3,000.00	\$40.00	\$4,000.00
9	SWALE, "V" BOTTOM 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	3000	\$5.10	\$15,300.00	\$2.75	\$8,250.00
10	TEMPORARY 12' ACCESS ROAD, COMPLETE IN PLACE	SY	1707	\$60.50	\$103,273.50	\$23.00	\$39,261.00
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$232,603.65</b>	<b>\$179,596.00</b>	
<b>BIDDING SUMMARY</b>							
SUBTOTAL WATER ITEMS					\$166,957.40	\$162,366.40	
SUBTOTAL SANITARY SEWER ITEMS					\$804,938.95	\$867,955.60	
SUBTOTAL MISCELLANEOUS ITEMS					\$232,603.65	\$179,596.00	
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,204,500.00</b>	<b>\$1,209,918.00</b>	