

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 KATY MANOR SECTION 6
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
NOVEMBER 27, 2018
LJA ENGINEERING, INC.
L. MARTINEZ
NOVEMBER 27, 2018
1750-3006D (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT
1) HURTADO CONSTRUCTION COMPANY	\$358,291.99
2) KENNETH LAMB CONSTRUCTION CO., LTD.	\$368,059.00
3) DIFFCO, LLC	\$379,492.50
4) CROSTEX CONSTRUCTION, INC.	\$395,000.00
5) SENDERO INDUSTRIES, LLC	\$398,133.17
6) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY	\$405,072.20
7) HYLAND CONSTRUCTION	\$425,696.62
8) PRINCIPAL SERVICES, LTD.	\$427,491.95
9) BLAZEY CONSTRUCTION SERVICES, LLC	\$428,222.60
10) BAY UTILITIES, LLC	\$434,771.00

CALENDAR DAYS - 20/30



11/28/2018

I, Micheal Wang, P.E., hereby certify these bid tabulations to be true and correct.

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1) HURTADO CONSTRUCTION COMPANY 2) KENNETH LAMB CONSTRUCTION CO., LTD. 3) DIFFCO, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1.	8" PVC WATER PIPE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,163	\$19.88	\$23,120.44	\$22.00	\$25,586.00	\$21.00	\$24,423.00
2.	6" PVC WATER PIPE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	617	\$15.88	\$9,797.96	\$17.00	\$10,489.00	\$18.00	\$11,106.00
3.	4" PVC WATER PIPE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	164	\$13.88	\$2,276.32	\$16.00	\$2,624.00	\$12.00	\$1,968.00
4.	8" PVC, C-900, DR 14, CL 305, RESTRAINED JOINT WATER LINE, ALL DEPTHS, INCLUDING ALL NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	28	\$40.88	\$1,144.64	\$55.00	\$1,540.00	\$45.00	\$1,260.00
5.	8" AWWA GATE VALVE & BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	4	\$888.00	\$3,552.00	\$600.00	\$2,400.00	\$1,200.00	\$4,800.00
6.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$448.00	\$1,344.00	\$100.00	\$300.00	\$750.00	\$2,250.00
7.	2" BLOW-OFF VALVE & BOX, COMPLETE IN PLACE	EA	3	\$588.00	\$1,764.00	\$900.00	\$2,700.00	\$850.00	\$2,550.00
8.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, TRENCH SAFETY, COMPLETE IN PLACE	EA	6	\$3,888.00	\$23,328.00	\$3,100.00	\$18,600.00	\$3,850.00	\$23,100.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,940	\$0.08	\$155.20	\$3.00	\$5,820.00	\$0.50	\$970.00
10.	FAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR 9), WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	13	\$798.00	\$10,374.00	\$1,000.00	\$13,000.00	\$550.00	\$7,150.00
11.	NEAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR 9), WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	24	\$488.00	\$11,712.00	\$550.00	\$13,200.00	\$550.00	\$13,200.00
12.	REMOVE AND DISPOSE 8" PLUG AND CLAMP & BLOW OFF VALVE AND CONNECT PROPOSED 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$0.08	\$0.08	\$350.00	\$350.00	\$350.00	\$350.00
13.	12" X 8" TAPPING SLEEVE & VALVE, COMPLETE IN PLACE	EA	1	\$4,888.00	\$4,888.00	\$5,000.00	\$5,000.00	\$5,400.00	\$5,400.00
14.	AUGER FOR 8" WATER LINE (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	32	\$88.00	\$2,816.00	\$50.00	\$1,600.00	\$35.00	\$1,120.00
SUBTOTAL WATER ITEMS					\$96,272.64		\$103,209.00		\$99,647.00
SANITARY SEWER ITEMS									
1.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, CL 160, 0' - 8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,117	\$30.88	\$34,492.96	\$27.00	\$30,159.00	\$41.00	\$45,797.00
2.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, CL 160, 8' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	145	\$31.88	\$4,622.60	\$28.00	\$4,060.00	\$45.00	\$6,525.00
3.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CL 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	13	\$788.00	\$10,244.00	\$610.00	\$7,930.00	\$750.00	\$9,750.00
4.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	19	\$2,048.00	\$38,912.00	\$1,060.00	\$20,140.00	\$800.00	\$15,200.00

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1) HURTADO CONSTRUCTION COMPANY 2) KENNETH LAMB CONSTRUCTION CO., LTD. 3) DIFFCO, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5.	LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	2	\$2,958.00	\$5,916.00	\$1,530.00	\$3,060.00	\$1,000.00	\$2,000.00
6.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, INCLUDES FINAL GRADE ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$1,688.00	\$15,192.00	\$2,175.00	\$19,575.00	\$1,500.00	\$13,500.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,262	\$0.18	\$227.16	\$3.00	\$3,786.00	\$0.50	\$631.00
8.	REMOVE EXISTING SANITARY PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$0.08	\$0.08	\$250.00	\$250.00	\$450.00	\$450.00
SUBTOTAL SANITARY SEWER ITEMS					\$109,606.80		\$88,960.00		\$93,853.00
DRAINAGE FACILITIES ITEMS									
1.	24" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	592	\$64.88	\$38,408.96	\$53.00	\$31,376.00	\$49.00	\$29,008.00
2.	24" STORM SEWER LEADS, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	152	\$64.88	\$9,861.76	\$58.00	\$8,816.00	\$56.00	\$8,512.00
3.	30" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	307	\$72.88	\$22,374.16	\$70.00	\$21,490.00	\$85.00	\$26,095.00
4.	48" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	89	\$148.88	\$13,250.32	\$151.00	\$13,439.00	\$145.00	\$12,905.00
5.	STAGE I - STANDARD (TYPE "H-2") INLET, TO INCLUDE INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	7	\$868.00	\$6,076.00	\$1,000.00	\$7,000.00	\$1,250.00	\$8,750.00
6.	STAGE II - STANDARD (TYPE "H-2") INLET, COMPLETE IN PLACE	EA	7	\$1,258.00	\$8,806.00	\$1,500.00	\$10,500.00	\$1,500.00	\$10,500.00
7.	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, INCLUDES FINAL GRADE ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,658.00	\$6,632.00	\$2,800.00	\$11,200.00	\$2,200.00	\$8,800.00
8.	TYPE "C" MANHOLE FOR 48" STORM SEWER & LARGER, INCLUDES FINAL GRADE ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,800.00	\$2,800.00	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,140	\$0.28	\$319.20	\$3.00	\$3,420.00	\$1.00	\$1,140.00
10.	REMOVE EXISTING 8" BRICK PLUG AND CONNECT 48" STORM SEWER, INCLUDES TEMPORARY BRICK PLUG AND BYPASS PUMPING (AS NEEDED), COMPLETE IN PLACE	EA	1	\$8.00	\$8.00	\$2,500.00	\$2,500.00	\$450.00	\$450.00
11.	DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPE, COMPLETE IN PLACE	LF	620	\$2.08	\$1,289.60	\$8.00	\$4,960.00	\$15.00	\$9,300.00
12.	REGRADE EXISTING DRAINAGE SWALE TO CONNECT PROPOSED DRAINAGE SWALE, COMPLETE IN PLACE	LF	20	\$2.08	\$41.60	\$20.00	\$400.00	\$100.00	\$2,000.00
13.	REGRADE AND REESTABLISH EXISTING SWALE, COMPLETE IN PLACE	LF	20	\$2.08	\$41.60	\$20.00	\$400.00	\$100.00	\$2,000.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$109,909.20		\$121,501.00		\$122,460.00
MISCELLANEOUS ITEMS									
1.	FILTER FABRIC FENCE (SILT BARRIER FENCING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2,887	\$0.01	\$28.87	\$1.00	\$2,887.00	\$1.50	\$4,330.50
2.	STABILIZED CONSTRUCTION EXIT, INSTALLATION, MAINTENANCE AND REMOVAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$888.00	\$888.00	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00

* MATHEMATICAL ERROR

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3.	BROADCAST SEEDING FOR R.O.W., FERTILIZING AND WATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$8.00	\$8.00	\$900.00	\$900.00	\$1,000.00	\$1,000.00
4.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTIONS, MAINTENANCE OF FILTER FABRIC FENCE, COMPLETE IN PLACE	LS	1	\$888.00	\$888.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00
5.	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$22.00	\$2,200.00	\$22.00	\$2,200.00	\$22.00	\$2,200.00
6.	EXTRA CEMENT STABILIZED SAND PER GEOTECHNICAL REPORT (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
7.	T.V. INSPECTION OF SANITARY SEWER LINES, ALL SIZES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,262	\$0.08	\$100.96	\$2.00	\$2,524.00	\$2.00	\$2,524.00
8.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE GEOTECHNICAL ENGINEER), COMPLETE IN PLACE	LF	1,262	\$15.00	\$18,930.00	\$15.00	\$18,930.00	\$15.00	\$18,930.00
9.	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE GEOTECHNICAL ENGINEER), COMPLETE IN PLACE	LF	1,140	\$15.00	\$17,100.00	\$15.00	\$17,100.00	\$15.00	\$17,100.00
10.	ADDITIONAL COST FOR UNSATISFACTORY SOIL CONDITIONS FOR MANHOLES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	14	\$12.00	\$168.00	\$12.00	\$168.00	\$12.00	\$168.00
11.	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,140	\$0.08	\$91.20	\$2.00	\$2,280.00	\$2.00	\$2,280.00
12.	STAGE II INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	14	\$0.88	\$12.32	\$100.00	\$1,400.00	\$250.00	\$3,500.00
13.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$88.00	\$88.00	\$500.00	\$500.00	\$3,500.00	\$3,500.00
SUBTOTAL MISCELLANEOUS ITEMS					\$42,503.35		\$54,389.00		\$63,532.50
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$96,272.64		\$103,209.00		\$99,647.00
SUBTOTAL SANITARY SEWER ITEMS					\$109,606.80		\$88,960.00		\$93,853.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$109,909.20		\$121,501.00		\$122,460.00
SUBTOTAL MISCELLANEOUS ITEMS					\$42,503.35		\$54,389.00		\$63,532.50
TOTAL AMOUNT BID					\$358,291.99		\$368,059.00		\$379,492.50

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ITEM DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) SENDERO INDUSTRIES, LLC		6) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
WATER ITEMS									
1. 8" PVC WATER PIPE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,163	\$18.00	\$20,934.00	\$21.00	\$24,423.00	\$19.00	\$22,097.00	
2. 6" PVC WATER PIPE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	617	\$15.00	\$9,255.00	\$18.00	\$11,106.00	\$16.00	\$9,872.00	
3. 4" PVC WATER PIPE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	164	\$12.75	\$2,091.00	\$16.00	\$2,624.00	\$13.00	\$2,132.00	
4. 8" PVC, C-900, DR 14, CL 305, RESTRAINED JOINT WATER LINE, ALL DEPTHS, INCLUDING ALL NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	28	\$53.00	\$1,484.00	\$59.00	\$1,652.00	\$70.00	\$1,960.00	
5. 8" AWWA GATE VALVE & BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	4	\$955.00	\$3,820.00	\$1,110.00	\$4,440.00	\$1,100.00	\$4,400.00	
6. 4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$75.00	\$225.00	\$160.00	\$480.00	\$100.00	\$300.00	
7. 2" BLOW-OFF VALVE & BOX, COMPLETE IN PLACE	EA	3	\$605.00	\$1,815.00	\$900.00	\$2,700.00	\$900.00	\$2,700.00	
8. FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, TRENCH SAFETY, COMPLETE IN PLACE	EA	6	\$3,600.00	\$21,600.00	\$3,892.00	\$23,352.00	\$4,200.00	\$25,200.00	
9. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,940	\$1.25	\$2,425.00	\$0.01	\$19.40	\$0.10	\$194.00	
10. FAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR 9), WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	13	\$990.00	\$12,870.00	\$560.00	\$7,280.00	\$850.00	\$11,050.00	
11. NEAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR 9), WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	24	\$475.00	\$11,400.00	\$345.00	\$8,280.00	\$400.00	\$9,600.00	
12. REMOVE AND DISPOSE 8" PLUG AND CLAMP & BLOW OFF VALVE AND CONNECT PROPOSED 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00	\$395.00	\$395.00	\$200.00	\$200.00	
13. 12" X 8" TAPPING SLEEVE & VALVE, COMPLETE IN PLACE	EA	1	\$14,500.00	\$14,500.00	\$4,175.00	\$4,175.00	\$4,500.00	\$4,500.00	
14. AUGER FOR 8" WATER LINE (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	32	\$75.00	\$2,400.00	\$49.00	\$1,568.00	\$100.00	\$3,200.00	
SUBTOTAL WATER ITEMS				\$105,919.00		\$92,494.40		\$97,405.00	
SANITARY SEWER ITEMS									
1. 8" PVC SEWER PIPE, ASTM D-2241, SDR 26, CL 160, 0' - 8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,117	\$25.00	\$27,925.00	\$25.00	\$27,925.00	\$25.00	\$27,925.00	
2. 8" PVC SEWER PIPE, ASTM D-2241, SDR 26, CL 160, 8' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	145	\$28.00	\$4,060.00	\$31.00	\$4,495.00	\$28.00	\$4,060.00	
3. SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CL 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	13	\$1,130.00	\$14,690.00	\$1,135.00	\$14,755.00	\$1,200.00	\$15,600.00	
4. LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	19	\$2,040.00	\$38,760.00	\$1,759.00	\$33,421.00	\$2,500.00	\$47,500.00	

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ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) SENDERO INDUSTRIES, LLC		6) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5.	LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 28, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	2	\$2,800.00	\$5,600.00	\$2,615.00	\$5,230.00	\$3,800.00	\$7,600.00
6.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, INCLUDES FINAL GRADE ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$2,150.00	\$19,350.00	\$2,162.00	\$19,458.00	\$3,100.00	\$27,900.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,262	\$2.00	\$2,524.00	\$0.01	\$12.62	\$0.10	\$126.20
8.	REMOVE EXISTING SANITARY PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$97.00	\$97.00	\$200.00	\$200.00
SUBTOTAL SANITARY SEWER ITEMS					\$114,409.00		\$105,393.62		\$130,911.20
DRAINAGE FACILITIES ITEMS									
1.	24" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	592	\$62.50	\$37,000.00	\$69.00	\$40,848.00	\$63.00	\$37,296.00
2.	24" STORM SEWER LEADS, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	152	\$63.25	\$9,614.00	\$76.00	\$11,552.00	\$77.00	\$11,704.00
3.	30" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	307	\$77.50	\$23,792.50	\$90.00	\$27,630.00	\$85.00	\$26,095.00
4.	48" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	89	\$160.00	\$14,240.00	\$195.00	\$17,355.00	\$162.00	\$14,418.00
5.	STAGE I - STANDARD (TYPE "H-2") INLET, TO INCLUDE INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	7	\$2,000.00	\$14,000.00	\$2,195.00	\$15,365.00	\$1,000.00	\$7,000.00
6.	STAGE II - STANDARD (TYPE "H-2") INLET, COMPLETE IN PLACE	EA	7	\$500.00	\$3,500.00	\$775.00	\$5,425.00	\$1,100.00	\$7,700.00
7.	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, INCLUDES FINAL GRADE ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,300.00	\$9,200.00	\$4,100.00	\$16,400.00	\$2,000.00	\$8,000.00
8.	TYPE "C" MANHOLE FOR 48" STORM SEWER & LARGER, INCLUDES FINAL GRADE ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$6,500.00	\$6,500.00	\$4,890.00	\$4,890.00	\$7,000.00	\$7,000.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,140	\$2.00	\$2,280.00	\$0.01	\$11.40	\$0.10	\$114.00
10.	REMOVE EXISTING 8" BRICK PLUG AND CONNECT 48" STORM SEWER, INCLUDES TEMPORARY BRICK PLUG AND BYPASS PUMPING (AS NEEDED), COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$275.00	\$275.00	\$1,000.00	\$1,000.00
11.	DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPE, COMPLETE IN PLACE	LF	620	\$2.50	\$1,550.00	\$2.00	\$1,240.00	\$4.50	\$2,790.00
12.	REGRADE EXISTING DRAINAGE SWALE TO CONNECT PROPOSED DRAINAGE SWALE, COMPLETE IN PLACE	LF	20	\$25.00	\$500.00	\$2.00	\$40.00	\$20.00	\$400.00
13.	REGRADE AND REESTABLISH EXISTING SWALE, COMPLETE IN PLACE	LF	20	\$40.00	\$800.00	\$23.00	\$460.00	\$20.00	\$400.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$124,976.50		\$141,491.40		\$123,917.00
MISCELLANEOUS ITEMS									
1.	FILTER FABRIC FENCE (SILT BARRIER FENCING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2,887	\$0.25	\$721.75	\$1.25	\$3,608.75	\$1.00	\$2,887.00
2.	STABILIZED CONSTRUCTION EXIT, INSTALLATION, MAINTENANCE AND REMOVAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$2,465.00	\$2,465.00	\$1,800.00	\$1,800.00

* MATHEMATICAL ERROR

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE KATY MANOR SECTION 6
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 NOVEMBER 27, 2018
 LJA ENGINEERING, INC.
 L. MARTINEZ
 NOVEMBER 27, 2018
 1750-3006D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) SENDERO INDUSTRIES, LLC		6) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3.	BROADCAST SEEDING FOR R.O.W., FERTILIZING AND WATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$250.00	\$250.00	\$800.00	\$800.00	\$650.00	\$650.00
4.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTIONS, MAINTENANCE OF FILTER FABRIC FENCE, COMPLETE IN PLACE	LS	1	\$6,000.59	\$6,000.59	\$1,235.00	\$1,235.00	\$1,000.00	\$1,000.00
5.	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$40.00	\$4,000.00	\$22.00	\$2,200.00	\$22.00	\$2,200.00
6.	EXTRA CEMENT STABILIZED SAND PER GEOTECHNICAL REPORT (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
7.	T.V. INSPECTION OF SANITARY SEWER LINES, ALL SIZES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,262	\$0.01	\$12.62	\$3.00	\$3,786.00	\$2.00	\$2,524.00
8.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE GEOTECHNICAL ENGINEER), COMPLETE IN PLACE	LF	1,262	\$15.00	\$18,930.00	\$15.00	\$18,930.00	\$15.00	\$18,930.00
9.	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE GEOTECHNICAL ENGINEER), COMPLETE IN PLACE	LF	1,140	\$15.00	\$17,100.00	\$15.00	\$17,100.00	\$15.00	\$17,100.00
10.	ADDITIONAL COST FOR UNSATISFACTORY SOIL CONDITIONS FOR MANHOLES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	14	\$12.00	\$168.00	\$12.00	\$168.00	\$12.00	\$168.00
11.	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,140	\$0.01	\$11.40	\$4.00	\$4,560.00	\$2.00	\$2,280.00
12.	STAGE II INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	14	\$0.01	\$0.14	\$74.00	\$1,036.00	\$50.00	\$700.00
13.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1.00	\$1.00	\$865.00	\$865.00	\$600.00	\$600.00
SUBTOTAL MISCELLANEOUS ITEMS					\$49,695.50		\$58,753.75		\$52,839.00
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$105,919.00		\$92,494.40		\$97,405.00
SUBTOTAL SANITARY SEWER ITEMS					\$114,409.00		\$105,393.62		\$130,911.20
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$124,976.50		\$141,491.40		\$123,917.00
SUBTOTAL MISCELLANEOUS ITEMS					\$49,695.50		\$58,753.75		\$52,839.00
TOTAL AMOUNT BID					\$395,000.00		\$398,133.17		\$405,072.20

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE KATY MANOR SECTION 6
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 NOVEMBER 27, 2018
 LJA ENGINEERING, INC.
 L. MARTINEZ
 NOVEMBER 27, 2018
 1750-3006D (9.2)

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

7) HYLAND CONSTRUCTION

8) PRINCIPAL SERVICES, LTD.

9) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1.	8" PVC WATER PIPE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,163	\$21.84	\$25,399.92	\$27.00	\$31,401.00	\$24.00	\$27,912.00
2.	6" PVC WATER PIPE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	617	\$17.46	\$10,772.82	\$25.00	\$15,425.00	\$20.00	\$12,340.00
3.	4" PVC WATER PIPE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	164	\$19.83	\$3,252.12	\$24.00	\$3,936.00	\$17.00	\$2,788.00
4.	8" PVC, C-900, DR 14, CL 305, RESTRAINED JOINT WATER LINE, ALL DEPTHS, INCLUDING ALL NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	28	\$48.86	\$1,368.08	\$77.00	\$2,156.00	\$75.00	\$2,100.00
5.	8" AWWA GATE VALVE & BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	4	\$1,192.75	\$4,771.00	\$1,000.00	\$4,000.00	\$1,160.00	\$4,640.00
6.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$171.33	\$513.99	\$180.00	\$540.00	\$325.00	\$975.00
7.	2" BLOW-OFF VALVE & BOX, COMPLETE IN PLACE	EA	3	\$596.00	\$1,788.00	\$850.00	\$2,550.00	\$980.00	\$2,940.00
8.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, TRENCH SAFETY, COMPLETE IN PLACE	EA	6	\$3,640.83	\$21,844.98	\$3,500.00	\$21,000.00	\$3,580.00	\$21,480.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,940	\$0.10	\$194.00	\$0.10	\$194.00	\$0.30	\$582.00
10.	FAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR 9), WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	13	\$1,274.23	\$16,564.99	\$900.00	\$11,700.00	\$905.00	\$11,765.00
11.	NEAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR 9), WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	24	\$703.88	\$16,893.12	\$600.00	\$14,400.00	\$745.00	\$17,880.00
12.	REMOVE AND DISPOSE 8" PLUG AND CLAMP & BLOW OFF VALVE AND CONNECT PROPOSED 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$650.00	\$650.00	\$200.00	\$200.00	\$405.00	\$405.00
13.	12" X 8" TAPPING SLEEVE & VALVE, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$4,100.00	\$4,100.00	\$6,165.00	\$6,165.00
14.	AUGER FOR 8" WATER LINE (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	32	\$157.91	\$5,053.12	\$195.00	\$6,240.00	\$90.00	\$2,880.00
SUBTOTAL WATER ITEMS					\$112,066.14		\$117,842.00		\$114,852.00
SANITARY SEWER ITEMS									
1.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, CL 160, 0' - 8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,117	\$23.36	\$26,093.12	\$31.00	\$34,627.00	\$32.00	\$35,744.00
2.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, CL 160, 8' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	145	\$23.97	\$3,475.65	\$32.00	\$4,640.00	\$35.00	\$5,075.00
3.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CL 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	13	\$859.31	\$11,171.03	\$1,400.00	\$18,200.00	\$1,060.00	\$13,780.00
4.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	19	\$1,937.58	\$36,814.02	\$2,000.00	\$38,000.00	\$2,290.00	\$43,510.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE KATY MANOR SECTION 6
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 NOVEMBER 27, 2018
 LJA ENGINEERING, INC.
 L. MARTINEZ
 NOVEMBER 27, 2018
 1750-3006D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) HYLAND CONSTRUCTION		8) PRINCIPAL SERVICES, LTD.		9) BLAZEY CONSTRUCTION SERVICES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5.	LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	2	\$4,389.50	\$8,779.00	\$2,800.00	\$5,600.00	\$3,285.00	\$6,570.00
6.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, INCLUDES FINAL GRADE ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$2,728.00	\$24,552.00	\$1,900.00	\$17,100.00	\$2,295.00	\$20,655.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,262	\$1.19	\$1,501.78	\$0.10	\$126.20	\$0.30	\$378.60
8.	REMOVE EXISTING SANITARY PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$425.00	\$425.00	\$150.00	\$150.00	\$340.00	\$340.00
SUBTOTAL SANITARY SEWER ITEMS					\$112,811.60	\$118,443.20		\$126,052.60	
DRAINAGE FACILITIES ITEMS									
1.	24" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	592	\$72.49	\$42,914.08	\$65.00	\$38,480.00	\$64.00	\$37,888.00
2.	24" STORM SEWER LEADS, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	152	\$65.41	\$9,942.32	\$74.00	\$11,248.00	\$66.00	\$10,032.00
3.	30" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	307	\$89.13	\$27,362.91	\$85.00	\$26,095.00	\$81.00	\$24,867.00
4.	48" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	89	\$190.82	\$16,982.98	\$180.00	\$16,020.00	\$206.00	\$18,334.00
5.	STAGE I - STANDARD (TYPE "H-2") INLET, TO INCLUDE INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	7	\$1,321.29	\$9,249.03	\$1,500.00	\$10,500.00	\$1,250.00	\$8,750.00
6.	STAGE II - STANDARD (TYPE "H-2") INLET, COMPLETE IN PLACE	EA	7	\$948.29	\$6,638.03	\$1,400.00	\$9,800.00	\$1,500.00	\$10,500.00
7.	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, INCLUDES FINAL GRADE ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$4,143.50	\$16,574.00	\$2,500.00	\$10,000.00	\$2,450.00	\$9,800.00
8.	TYPE "C" MANHOLE FOR 48" STORM SEWER & LARGER, INCLUDES FINAL GRADE ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$8,030.00	\$8,030.00	\$7,900.00	\$7,900.00	\$4,190.00	\$4,190.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,140	\$1.32	\$1,504.80	\$0.10	\$114.00	\$0.30	\$342.00
10.	REMOVE EXISTING 8" BRICK PLUG AND CONNECT 48" STORM SEWER, INCLUDES TEMPORARY BRICK PLUG AND BYPASS PUMPING (AS NEEDED), COMPLETE IN PLACE	EA	1	\$450.00	\$450.00	\$250.00	\$250.00	\$1,680.00	\$1,680.00
11.	DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPE, COMPLETE IN PLACE	LF	620	\$5.00	\$3,100.00	\$5.00	\$3,100.00	\$4.00	\$2,480.00
12.	REGRADE EXISTING DRAINAGE SWALE TO CONNECT PROPOSED DRAINAGE SWALE, COMPLETE IN PLACE	LF	20	\$10.00	\$200.00	\$50.00	\$1,000.00	\$10.00	\$200.00
13.	REGRADE AND REESTABLISH EXISTING SWALE, COMPLETE IN PLACE	LF	20	\$20.00	\$400.00	\$50.00	\$1,000.00	\$15.00	\$300.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$143,348.15	\$135,507.00		\$129,363.00	
MISCELLANEOUS ITEMS									
1.	FILTER FABRIC FENCE (SILT BARRIER FENCING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2,887	\$1.57	\$4,532.59	\$1.25	\$3,608.75	\$2.00	\$5,774.00
2.	STABILIZED CONSTRUCTION EXIT, INSTALLATION, MAINTENANCE AND REMOVAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$3,050.00	\$3,050.00	\$2,000.00	\$2,000.00

* MATHEMATICAL ERROR

BID TABULATION FOR:

BID OPENING DATE:
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LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE KATY MANOR SECTION 6
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 NOVEMBER 27, 2018
 LJA ENGINEERING, INC.
 L. MARTINEZ
 NOVEMBER 27, 2018
 1750-3006D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) HYLAND CONSTRUCTION		8) PRINCIPAL SERVICES, LTD.		9) BLAZEY CONSTRUCTION SERVICES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3.	BROADCAST SEEDING FOR R.O.W., FERTILIZING AND WATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$755.00	\$755.00	\$750.00	\$750.00	\$950.00	\$950.00
4.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTIONS, MAINTENANCE OF FILTER FABRIC FENCE, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$800.00	\$800.00	\$1,200.00	\$1,200.00
5.	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$22.00	\$2,200.00	\$35.00	\$3,500.00	\$22.00	\$2,200.00
6.	EXTRA CEMENT STABILIZED SAND PER GEOTECHNICAL REPORT (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
7.	T.V. INSPECTION OF SANITARY SEWER LINES, ALL SIZES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,262	\$3.57	\$4,505.34	\$1.50	\$1,893.00	\$2.00	\$2,524.00
8.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE GEOTECHNICAL ENGINEER), COMPLETE IN PLACE	LF	1,262	\$15.00	\$18,930.00	\$15.00	\$18,930.00	\$15.00	\$18,930.00
9.	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE GEOTECHNICAL ENGINEER), COMPLETE IN PLACE	LF	1,140	\$15.00	\$17,100.00	\$15.00	\$17,100.00	\$15.00	\$17,100.00
10.	ADDITIONAL COST FOR UNSATISFACTORY SOIL CONDITIONS FOR MANHOLES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	14	\$12.00	\$168.00	\$12.00	\$168.00	\$12.00	\$168.00
11.	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,140	\$3.57	\$4,069.80	\$2.50	\$2,850.00	\$2.85	\$3,249.00
12.	STAGE II INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	14	\$15.00	\$210.00	\$50.00	\$700.00	\$90.00	\$1,260.00
13.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$350.00	\$350.00	\$600.00	\$600.00
SUBTOTAL MISCELLANEOUS ITEMS					\$57,470.73		\$55,699.75		\$57,955.00
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$112,066.14		\$117,842.00		\$114,852.00
SUBTOTAL SANITARY SEWER ITEMS					\$112,811.60		\$118,443.20		\$126,052.60
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$143,348.15		\$135,507.00		\$129,363.00
SUBTOTAL MISCELLANEOUS ITEMS					\$57,470.73		\$55,699.75		\$57,955.00
TOTAL AMOUNT BID					\$425,696.62		\$427,491.95		\$428,222.60

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE KATY MANOR SECTION 6
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 NOVEMBER 27, 2018
 LJA ENGINEERING, INC.
 L. MARTINEZ
 NOVEMBER 27, 2018
 1750-3006D (9.2)

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

10) BAY UTILITIES, LLC

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER ITEMS				
1. 8" PVC WATER PIPE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,163	\$21.00	\$24,423.00
2. 6" PVC WATER PIPE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	617	\$17.00	\$10,489.00
3. 4" PVC WATER PIPE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	164	\$14.00	\$2,296.00
4. 8" PVC, C-900, DR 14, CL 305, RESTRAINED JOINT WATER LINE, ALL DEPTHS, INCLUDING ALL NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	28	\$130.00	\$3,640.00
5. 8" AWWA GATE VALVE & BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	4	\$700.00	\$2,800.00
6. 4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$50.00	\$150.00
7. 2" BLOW-OFF VALVE & BOX, COMPLETE IN PLACE	EA	3	\$1,200.00	\$3,600.00
8. FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, TRENCH SAFETY, COMPLETE IN PLACE	EA	6	\$3,400.00	\$20,400.00
9. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,940	\$1.00	\$1,940.00
10. FAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR 9), WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	13	\$1,400.00	\$18,200.00
11. NEAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR 9), WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	24	\$800.00	\$19,200.00
12. REMOVE AND DISPOSE 8" PLUG AND CLAMP & BLOW OFF VALVE AND CONNECT PROPOSED 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00
13. 12" X 8" TAPPING SLEEVE & VALVE, COMPLETE IN PLACE	EA	1	\$5,300.00	\$5,300.00
14. AUGER FOR 8" WATER LINE (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	32	\$84.00	\$2,688.00
SUBTOTAL WATER ITEMS				\$115,626.00
SANITARY SEWER ITEMS				
1. 8" PVC SEWER PIPE, ASTM D-2241, SDR 26, CL 160, 0' - 8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,117	\$25.00	\$27,925.00
2. 8" PVC SEWER PIPE, ASTM D-2241, SDR 26, CL 160, 8' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	145	\$26.00	\$3,770.00
3. SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CL 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	13	\$1,000.00	\$13,000.00
4. LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	19	\$2,200.00	\$41,800.00

BID TABULATION FOR:

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CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE KATY MANOR SECTION 6
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 NOVEMBER 27, 2018
 LJA ENGINEERING, INC.
 L. MARTINEZ
 NOVEMBER 27, 2018
 1750-3006D (9.2)

10) BAY UTILITIES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
5.	LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	2	\$2,800.00	\$5,600.00
6.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, INCLUDES FINAL GRADE ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$3,700.00	\$33,300.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,262	\$1.00	\$1,262.00
8.	REMOVE EXISTING SANITARY PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$350.00	\$350.00
SUBTOTAL SANITARY SEWER ITEMS					\$127,007.00
DRAINAGE FACILITIES ITEMS					
1.	24" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	592	\$65.00	\$38,480.00
2.	24" STORM SEWER LEADS, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	152	\$65.00	\$9,880.00
3.	30" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	307	\$80.00	\$24,560.00
4.	48" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	89	\$180.00	\$16,020.00
5.	STAGE I - STANDARD (TYPE "H-2") INLET, TO INCLUDE INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	7	\$1,400.00	\$9,800.00
6.	STAGE II - STANDARD (TYPE "H-2") INLET, COMPLETE IN PLACE	EA	7	\$1,400.00	\$9,800.00
7.	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, INCLUDES FINAL GRADE ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$3,500.00	\$14,000.00
8.	TYPE "C" MANHOLE FOR 48" STORM SEWER & LARGER, INCLUDES FINAL GRADE ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$7,200.00	\$7,200.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,140	\$1.00	\$1,140.00
10.	REMOVE EXISTING 8" BRICK PLUG AND CONNECT 48" STORM SEWER, INCLUDES TEMPORARY BRICK PLUG AND BYPASS PUMPING (AS NEEDED), COMPLETE IN PLACE	EA	1	\$400.00	\$400.00
11.	DRAINAGE SWALES, "V" BOTTOM, 3:1 SIDE SLOPE, COMPLETE IN PLACE	LF	620	\$2.50	\$1,550.00
12.	REGRADE EXISTING DRAINAGE SWALE TO CONNECT PROPOSED DRAINAGE SWALE, COMPLETE IN PLACE	LF	20	\$25.00	\$500.00
13.	REGRADE AND REESTABLISH EXISTING SWALE, COMPLETE IN PLACE	LF	20	\$25.00	\$500.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$133,830.00
MISCELLANEOUS ITEMS					
1.	FILTER FABRIC FENCE (SILT BARRIER FENCING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2,887	\$1.50	\$4,330.50
2.	STABILIZED CONSTRUCTION EXIT, INSTALLATION, MAINTENANCE AND REMOVAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$2,400.00	\$2,400.00

* MATHEMATICAL ERROR

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 TO SERVE KATY MANOR SECTION 6
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 NOVEMBER 27, 2018
 LJA ENGINEERING, INC.
 L. MARTINEZ
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BID OPENING DATE:
BID OPENING LOCATION:
TABULATION BY:
TABULATION DATE:
LJA JOB NO.

10) BAY UTILITIES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
3.	BROADCAST SEEDING FOR R.O.W., FERTILIZING AND WATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,500.00	\$1,500.00
4.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTIONS, MAINTENANCE OF FILTER FABRIC FENCE, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00
5.	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$22.00	\$2,200.00
6.	EXTRA CEMENT STABILIZED SAND PER GEOTECHNICAL REPORT (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00
7.	T.V. INSPECTION OF SANITARY SEWER LINES, ALL SIZES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,262	\$2.25	\$2,839.50
8.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE GEOTECHNICAL ENGINEER), COMPLETE IN PLACE	LF	1,262	\$15.00	\$18,930.00
9.	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE GEOTECHNICAL ENGINEER), COMPLETE IN PLACE	LF	1,140	\$15.00	\$17,100.00
10.	ADDITIONAL COST FOR UNSATISFACTORY SOIL CONDITIONS FOR MANHOLES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	14	\$12.00	\$168.00
11.	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,140	\$3.50	\$3,990.00
12.	STAGE II INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	14	\$50.00	\$700.00
13.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$650.00	\$650.00
SUBTOTAL MISCELLANEOUS ITEMS					\$58,308.00
BID SUMMARY					
SUBTOTAL WATER ITEMS					\$115,626.00
SUBTOTAL SANITARY SEWER ITEMS					\$127,007.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$133,830.00
SUBTOTAL MISCELLANEOUS ITEMS					\$58,308.00
TOTAL AMOUNT BID					\$434,771.00