

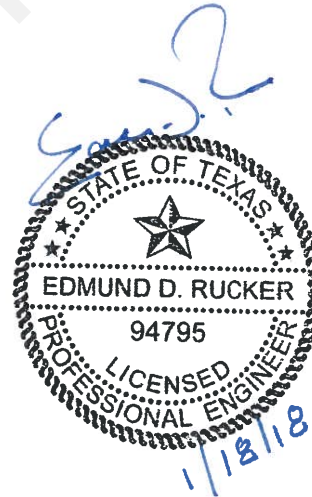
BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
TO SERVE GRAND CENTRAL PARK SECTION 10 & 11
CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
JANUARY 18, 2018
LJA ENGINEERING, INC.
P.CHATTERJEE
JANUARY 18, 2018
2274-0010B (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT
1) C. E. BARKER, LTD.	\$1,044,132.94
2) TEXASITE, LLC	\$1,044,271.70
3) CROSTEX CONSTRUCTION, INC.	\$1,075,000.00
4) R CONST. CIVIL, LLC DBA R CONST. CO.	\$1,180,570.00 *
5) KENNETH LAMB CONSTRUCTION CO., LTD.	\$1,089,993.50

CALENDAR DAYS - 45/60



Edmund D. Rucker

I, Edmund D. Rucker, P.E., hereby certify these bid tabulations to be true and correct.

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
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ITEM DESCRIPTION	UNIT	QTY	1) C. E. BARKER, LTD.		2) TEXASITE, LLC		3) CROSTEX CONSTRUCTION, INC.		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
SECTION 10 WATER SYSTEM ITEMS									
1. 8" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	2512	\$13.90	\$34,916.80	\$18.00	\$45,216.00	\$16.80	\$42,201.60	
2. 6" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	410	\$10.54	\$4,321.40	\$14.00	\$5,740.00	\$13.60	\$5,576.00	
3. 4" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	327	\$8.02	\$2,622.54	\$11.00	\$3,597.00	\$11.50	\$3,760.50	
4. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3249	\$0.11	\$357.39	\$1.00	\$3,249.00	\$0.05	\$162.45	
5. FIRE HYDRANT ASSEMBLY, ALL DEPTHS, INCLUDING APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	7	\$4,090.23	\$28,631.61	\$3,900.00	\$27,300.00	\$3,800.00	\$26,600.00	
6. INSTALLATION OF 1" SINGLE "SHORT SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), NOT TO EXCEED 25 LF, INCLUDING ALL FITTINGS, HARDWARE, METER BOX, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	30	\$405.27	\$12,158.10	\$400.00	\$12,000.00	\$460.00	\$13,800.00	
7. INSTALLATION OF 1" SINGLE "LONG SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, METER BOX, AND TRENCH SAFETY, COMPLETE IN PLACE	LF	2161	\$16.23	\$35,073.03	\$26.00	\$56,186.00	\$17.00	\$36,737.00	
8. PLUG & CLAMP, ALL SIZES, 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	1	\$912.75	\$912.75	\$600.00	\$600.00	\$1,532.00	\$1,532.00	
9. REMOVE AND DISPOSE EXISTING PLUG AND CLAMP AND CONNECT TO PROPOSED WATER LINE, ALL SIZES. INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$875.64	\$875.64	\$300.00	\$300.00	\$150.00	\$150.00	
10. 8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	5	\$1,024.38	\$5,121.90	\$1,200.00	\$6,000.00	\$1,040.00	\$5,200.00	
11. 6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$747.95	\$747.95	\$850.00	\$850.00	\$707.00	\$707.00	
12. 4" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$617.93	\$617.93	\$700.00	\$700.00	\$580.00	\$580.00	
13. CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1.29	\$8,480.37	\$10,939.68	\$7,700.00	\$9,933.00	\$6,360.00	\$8,204.40	
SUBTOTAL SECTION 10 WATER SYSTEM ITEMS				\$137,296.72		\$171,671.00		\$145,210.95	
SECTION 10 SANITARY SEWER ITEMS									
1. 8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 0' - 8' DEPTH, COMPLETE IN PLACE	LF	265	\$19.58	\$5,188.70	\$24.00	\$6,360.00	\$20.65	\$5,472.25	
2. 10" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 0' - 8' DEPTH, COMPLETE IN PLACE	LF	536	\$22.15	\$11,872.40	\$26.00	\$13,936.00	\$23.10	\$12,381.60	
3. 10" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 8' - 12' DEPTH, COMPLETE IN PLACE	LF	2152	\$23.13	\$49,775.76	\$27.00	\$58,104.00	\$26.65	\$57,350.80	
4. 10" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	135	\$26.31	\$3,551.85	\$30.00	\$4,050.00	\$32.45	\$4,380.75	
5. 10" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 16' - 20' DEPTH, COMPLETE IN PLACE	LF	411	\$33.71	\$13,854.81	\$32.00	\$13,152.00	\$36.10	\$14,837.10	
6. BORE AND JACK FOR 10" SANITARY SEWER (DOES NOT INCLUDE PIPE), (TO INCLUDE DEWATERING), COMPLETE IN PLACE	LF	56	\$94.99	\$5,319.44	\$80.00	\$4,480.00	\$60.00	\$3,360.00	
7. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3443	\$0.11	\$378.73	\$1.00	\$3,443.00	\$3.00	\$10,329.00	
8. T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3499	\$2.33	\$8,152.67	\$0.05	\$174.95	\$0.10	\$349.90	
9. DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3443	\$25.00	\$86,075.00	\$25.00	\$86,075.00	\$25.00	\$86,075.00	
10. STANDARD SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOR 6" - 24" SANITARY SEWER PIPES, (0' - 10' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	12	\$2,954.08	\$35,448.96	\$2,600.00	\$31,200.00	\$4,275.00	\$51,300.00	

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 TO SERVE GRAND CENTRAL PARK SECTION 10 & 11
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 JANUARY 18, 2018
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 P.CHATTERJEE
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 2274-0010B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) C. E. BARKER, LTD.		2) TEXASITE, LLC		3) CROSTEX CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11.	STANDARD 5' DIAMETER SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOR 6" - 24" SANITARY SEWER PIPES, (OVER 10' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	11	\$4,598.26	\$50,580.86	\$4,600.00	\$50,600.00	\$5,000.00	\$55,000.00
12.	EXTRA DEPTH OF SANITARY SEWER MANHOLES WITH CITY OF CONROE APPROVED EPOXY COATING, FOR 5' DIAMETER MANHOLE, (OVER 10' DEPTH), COMPLETE IN PLACE	VF	28	\$232.93	\$6,522.04	\$350.00	\$9,800.00	\$440.00	\$12,320.00
13.	EXTRA CEMENT STABILIZED SAND BACKFILL, (2 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	CY	100	\$12.00	\$1,200.00	\$20.00	\$2,000.00	\$12.00	\$1,200.00
14.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, NOT TO EXCEED 25 LF, ALL DEPTHS, INCLUDING TRENCH SAFETY, CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	22	\$641.82	\$14,120.04	\$700.00	\$15,400.00	\$782.00	\$17,204.00
15.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, NOT TO EXCEED 25 LF, ALL DEPTHS, INCLUDING TRENCH SAFETY, CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	876	\$35.98	\$31,518.48	\$32.00	\$28,032.00	\$31.00	\$27,156.00
16.	CORE INTO EXISTING CITY OF CONROE FIBERGLASS SANITARY SEWER MANHOLE, AND CONNECT PROPOSED 10" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$1,519.61	\$1,519.61	\$1,300.00	\$1,300.00	\$2,000.00	\$2,000.00
SUBTOTAL SECTION10 SANITARY SEWER ITEMS					\$325,079.35		\$328,106.95		\$360,716.40
SECTION 10 DRAINAGE FACILITIES ITEMS									
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III ALL DEPTHS, COMPLETE IN PLACE	LF	572	\$57.46	\$32,867.12	\$55.00	\$31,460.00	\$51.75	\$29,601.00
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	639	\$74.29	\$47,471.31	\$73.00	\$46,647.00	\$65.75	\$42,014.25
3.	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	178	\$101.00	\$17,978.00	\$92.00	\$16,376.00	\$87.00	\$15,486.00
4.	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	207	\$133.19	\$27,570.33	\$130.00	\$26,910.00	\$113.50	\$23,494.50
5.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1596	\$0.11	\$175.56	\$1.00	\$1,596.00	\$0.05	\$79.80
6.	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), ALL SIZES, ALL DEPTHS, (THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1596	\$20.00	\$31,920.00	\$20.00	\$31,920.00	\$20.00	\$31,920.00
7.	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$3,350.71	\$50,260.65	\$3,350.00	\$50,250.00	\$2,200.00	\$33,000.00
8.	STORM SEWER OUTFALL STRUCTURE, INCLUDING CAST IN PLACE SLOPE PAVING, ALL SIZES, COMPLETE IN PLACE	EA	4	\$6,840.43	\$27,361.72	\$4,850.00	\$19,400.00	\$17,500.00	\$70,000.00
9.	STORM OVERFLOW DRAINAGE SWALE, 5:1 SIDE SLOPES, 2' BOTTOM WIDTH, COMPLETE IN PLACE	LF	149	\$6.94	\$1,034.06	\$5.00	\$745.00	\$5.00	\$745.00
10.	STAGE I STANDARD PRECAST INLET TYPE "C" (5'), ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$1,331.04	\$14,641.44	\$1,000.00	\$11,000.00	\$1,850.00	\$20,350.00
11.	STAGE II STANDARD PRECAST INLET TYPE "C" (5'), ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$1,220.12	\$13,421.32	\$1,100.00	\$12,100.00	\$400.00	\$4,400.00
12.	STAGE I STANDARD PRECAST INLET TYPE "C-1" (10'), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,552.88	\$6,211.52	\$1,600.00	\$6,400.00	\$2,500.00	\$10,000.00
13.	STAGE II STANDARD PRECAST INLET TYPE "C-1" (10'), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,220.12	\$4,880.48	\$1,100.00	\$4,400.00	\$500.00	\$2,000.00
SUBTOTAL SECTION 10 DRAINAGE FACILITIES ITEMS					\$275,793.51		\$259,204.00		\$283,090.55
SECTION 10 MISCELLANEOUS ITEMS									
1.	EXTRA CEMENT STABILIZED SAND (2 SACKS PER TON) (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$12.00	\$1,200.00	\$25.00	\$2,500.00	\$12.00	\$1,200.00

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 P.CHATTERJEE
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 2274-0010B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) C. E. BARKER, LTD.		2) TEXASITE, LLC		3) CROSTEX CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2.	STANDARD DUCT FOR DAMAGE TO AREAS MARKED FOR PRESERVATION, COMPLETE IN PLACE	AC	0	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00 *	(\$1,000.00)	\$0.00
3.	REMOVE AND DISPOSE OF EXISTING TREE UP TO 18" DIAMETER, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
4.	REMOVE AND DISPOSE OF EXISTING TREE OVER 18" DIAMETER, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
5.	INSTALLATION AND REMOVAL OF REINFORCE FILTER FABRIC FENCE SWMHCA SPECIFICATION NO. 4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$2.00	\$200.00	\$2.00	\$200.00
6.	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO. 4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	15	\$55.46	\$831.90	\$60.00	\$900.00	\$40.00	\$600.00
7.	CITY OF CONROE SUBDIVISION BOND (TOTAL BOND AMOUNT \$1,151,488), COMPLETE IN PLACE	LS	1	\$35,392.43	\$35,392.43	\$22,000.00	\$22,000.00	\$20,678.00	\$20,678.00
8.	METHOD 'A' CONSTRUCTION STAKING BY THE CONTRACTOR FOR WS&D, COMPLETE IN PLACE	LS	1	\$9,723.35	\$9,723.35	\$14,000.00	\$14,000.00	\$8,362.00	\$8,362.00
9.	6" CEMENT STABILIZED SUBGRADE, AT LEAST 30 LBS/SY OR AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	100	\$11.05	\$1,105.00	\$20.00	\$2,000.00	\$23.00	\$2,300.00
10.	INSTALL, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, (TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,941.10	\$1,941.10	\$200.00	\$200.00	\$1,500.00	\$1,500.00
11.	HAUL, SPREAD AND COMPACT (TO 95% STANDARD PROCTOR DENSITY) UTILITY SPOIL	CY	1900	\$3.99	\$7,581.00	\$2.00	\$3,800.00	\$1.50	\$2,850.00
SUBTOTAL SECTION 10 MISCELLANEOUS ITEMS					\$59,474.78		\$47,100.00		\$39,190.00
SECTION 11 WATER SYSTEM ITEMS									
1.	8" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	135	\$14.83	\$2,002.05	\$18.00	\$2,430.00	\$17.10	\$2,308.50
2.	6" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	332	\$11.19	\$3,715.08	\$14.00	\$4,648.00	\$13.65	\$4,531.80
3.	4" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	293	\$8.96	\$2,625.28	\$11.00	\$3,223.00	\$11.50	\$3,369.50
4.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	760	\$0.11	\$83.60	\$1.00	\$760.00	\$0.05	\$38.00
5.	4" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$617.93	\$617.93	\$700.00	\$700.00	\$580.00	\$580.00
6.	FIRE HYDRANT ASSEMBLY, ALL DEPTHS, INCLUDING APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	2	\$4,028.37	\$8,056.74	\$3,800.00	\$7,600.00	\$3,600.00	\$7,200.00
7.	INSTALLATION OF 1" SINGLE "SHORT SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), NOT TO EXCEED 25 LF, INCLUDING ALL FITTINGS, HARDWARE, METER BOX, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	7	\$404.69	\$2,832.83	\$400.00	\$2,800.00	\$464.00	\$3,248.00
8.	INSTALLATION OF 1" SINGLE "LONG SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, METER BOX, AND TRENCH SAFETY, COMPLETE IN PLACE	LF	256	\$16.37	\$4,190.72	\$26.00	\$6,656.00	\$17.00	\$4,352.00
9.	REMOVE AND DISPOSE EXISTING PLUG AND CLAMP AND CONNECT TO PROPOSED WATER LINE, ALL SIZES. INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$610.06	\$610.06	\$300.00	\$300.00	\$150.00	\$150.00
10.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	0.37	\$8,752.09	\$3,238.27	\$8,000.00	\$2,960.00	\$6,000.00	\$2,220.00
SUBTOTAL SECTION 11 WATER SYSTEM ITEMS					\$27,972.56		\$32,077.00		\$27,997.80
SECTION 11 SANITARY SEWER ITEMS									
1.	10" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 8' - 12' DEPTH, COMPLETE IN PLACE	LF	675	\$24.34	\$16,429.50	\$30.00	\$20,250.00	\$23.10	\$15,592.50
2.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	675	\$0.11	\$74.25	\$1.00	\$675.00	\$3.00	\$2,025.00

* MATHEMATICAL ERROR

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	675	\$2.33	\$1,572.75	\$0.05	\$33.75	\$0.10	\$67.50
4.	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	675	\$25.00	\$16,875.00	\$25.00	\$16,875.00	\$25.00	\$16,875.00
5.	STANDARD SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOR 6" - 24" SANITARY SEWER PIPES, (0' - 10' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	7	\$2,954.08	\$20,678.56	\$2,900.00	\$20,300.00	\$4,275.00	\$29,925.00
6.	EXTRA CEMENT STABILIZED SAND BACKFILL, (2 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	CY	100	\$12.00	\$1,200.00	\$25.00	\$2,500.00	\$12.00	\$1,200.00
7.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, NOT TO EXCEED 25 LF, ALL DEPTHS, INCLUDING TRENCH SAFETY, CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	4	\$610.74	\$2,442.96	\$650.00	\$2,600.00	\$770.00	\$3,080.00
8.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, NOT TO EXCEED 25 LF, ALL DEPTHS, INCLUDING TRENCH SAFETY, CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	160	\$30.31	\$4,849.60	\$32.00	\$5,120.00	\$28.50	\$4,560.00
9.	BORE AND JACK FOR 8" SANITARY SEWER LEAD (DOES NOT INCLUDE PIPE), (TO INCLUDE DEWATERING), COMPLETE IN PLACE	LF	50	\$54.36	\$2,718.00	\$80.00	\$4,000.00	\$50.00	\$2,500.00
10.	REMOVE AND DISPOSE EXISTING 8" SANITARY SEWER PIPE, ALONG SUNBASKE STREET, INCLUDES 1 BRICK PLUG REMOVAL AND DISPOSAL, ALL DEPTHS, COMPLETE IN PLACE	LF	162	\$12.00	\$1,944.00	\$25.00	\$4,050.00	\$20.00	\$3,240.00
11.	REMOVE AND DISPOSE EXISTING 6" SANITARY SEWER LEAD WYE'S, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$110.93	\$221.86	\$300.00	\$600.00	\$350.00	\$700.00
12.	CUT, PLUG, FILL WITH GROUT AND ABANDON EXISTING 8" SANITARY SEWER ALONG TWILIGHT TOAST DRIVE, ALL DEPTHS, COMPLETE IN PLACE	LF	78	\$46.65	\$3,638.70	\$10.00	\$780.00	\$30.00	\$2,340.00
13.	CUT, PLUG, FILL WITH GROUT AND ABANDON EXISTING 6" SANITARY SEWER SERVICE LEAD, ALL DEPTHS, COMPLETE IN PLACE	LF	106	\$34.32	\$3,637.92	\$10.00	\$1,060.00	\$30.00	\$3,180.00
14.	REMOVE AND DISPOSE EXISTING SANITARY SEWER MANHOLE, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,109.20	\$2,218.40	\$700.00	\$1,400.00	\$500.00	\$1,000.00
SUBTOTAL SECTION 11 SANITARY SEWER ITEMS					\$78,501.50		\$80,243.75		\$86,285.00
SECTION 11 DRAINAGE FACILITIES ITEMS									
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	43	\$53.99	\$2,321.57	\$55.00	\$2,365.00	\$51.75	\$2,225.25
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	376	\$70.81	\$26,624.56	\$73.00	\$27,448.00	\$65.75	\$24,722.00
3.	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	358	\$97.00	\$34,726.00	\$93.00	\$33,294.00	\$87.00	\$31,146.00
4.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	777	\$0.11	\$85.47	\$1.00	\$777.00	\$0.05	\$38.85
5.	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), ALL SIZES, ALL DEPTHS, (THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	777	\$20.00	\$15,540.00	\$20.00	\$15,540.00	\$20.00	\$15,540.00
6.	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,902.41	\$17,414.46	\$2,600.00	\$15,600.00	\$2,200.00	\$13,200.00

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
 TO SERVE GRAND CENTRAL PARK SECTION 10 & 11
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 JANUARY 18, 2018
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 JANUARY 18, 2018
 2274-0010B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) C. E. BARKER, LTD.		2) TEXASITE, LLC		3) CROSTEX CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7.	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 42" STORM SEWER AND SMALLER TO BE CONNECTED TO EXISTING STORM SEWER, MANHOLE INCLUDED, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,272.14	\$3,272.14	\$2,700.00	\$2,700.00	\$2,750.00	\$2,750.00
8.	STORM SEWER OUTFALL STRUCTURE, INCLUDING CAST IN PLACE, SLOPE PAVING AND RIP-RAP, ALL SIZES, COMPLETE IN PLACE	EA	1	\$11,327.14	\$11,327.14	\$4,900.00	\$4,900.00	\$17,500.00	\$17,500.00
9.	STAGE I STANDARD PRECAST INLET TYPE "C-1" (10'), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,552.88	\$3,105.76	\$1,600.00	\$3,200.00	\$2,500.00	\$5,000.00
10.	STAGE II STANDARD PRECAST INLET TYPE "C-1" (10'), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,220.12	\$2,440.24	\$1,100.00	\$2,200.00	\$500.00	\$1,000.00
SUBTOTAL SECTION 11 DRAINAGE FACILITIES ITEMS					\$116,857.34		\$108,024.00		\$113,122.10
SECTION 11 MISCELLANEOUS ITEMS									
1.	EXTRA CEMENT STABILIZED SAND (2 SACKS PER TON) (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$12.00	\$1,200.00	\$25.00	\$2,500.00	\$12.00	\$1,200.00
2.	STANDARD DEDUCT FOR DAMAGE TO AREAS MARKED FOR PRESERVATION, COMPLETE IN PLACE	AC	0	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00
3.	REMOVE AND DISPOSE OF EXISTING TREE UP TO 18" DIAMETER, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
4.	REMOVE AND DISPOSE OF EXISTING TREE OVER 18" DIAMETER, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
5.	INSTALLATION AND REMOVAL OF REINFORCE FILTER FABRIC FENCE SWMHCA SPECIFICATION NO. 4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$2.00	\$200.00	\$2.00	\$200.00
6.	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO. 4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$55.46	\$110.92	\$60.00	\$120.00	\$40.00	\$80.00
7.	CITY OF CONROE SUBDIVISION BOND (TOTAL BOND AMOUNT \$361,312), COMPLETE IN PLACE	LS	1	\$13,131.92	\$13,131.92	\$8,400.00	\$8,400.00	\$7,881.00	\$7,881.00
8.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR FOR WS&D, COMPLETE IN PLACE	LS	1	\$2,197.44	\$2,197.44	\$1,600.00	\$1,600.00	\$3,586.20	\$3,586.20
9.	6" CEMENT STABILIZED SUBGRADE, AT LEAST 30 LBS/SY OR AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	100	\$11.05	\$1,105.00	\$20.00	\$2,000.00	\$23.00	\$2,300.00
10.	INSTALL, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, (TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,941.10	\$1,941.10	\$5.00	\$5.00	\$1,500.00	\$1,500.00
11.	HAUL, SPREAD AND COMPACT (TO 95% STANDARD PROCTOR DENSITY) UTILITY SPOIL	CY	760	\$2.33	\$1,770.80	\$2.00	\$1,520.00	\$1.50	\$1,140.00
SUBTOTAL SECTION 11 MISCELLANEOUS ITEMS					\$23,157.18		\$17,845.00		\$19,387.20
BID SUMMARY									
SUBTOTAL SECTION 10 WATER SYSTEM ITEMS					\$137,296.72		\$171,671.00		\$145,210.95
SUBTOTAL SECTION 10 SANITARY SEWER ITEMS					\$325,079.35		\$328,106.95		\$360,716.40
SUBTOTAL SECTION 10 DRAINAGE FACILITIES ITEMS					\$275,793.51		\$259,204.00		\$283,090.55
SUBTOTAL SECTION 10 MISCELLANEOUS ITEMS					\$59,474.78		\$47,100.00		\$39,190.00
SUBTOTAL SECTION 11 WATER SYSTEM ITEMS					\$27,972.56		\$32,077.00		\$27,997.80
SUBTOTAL SECTION 11 SANITARY SEWER ITEMS					\$78,501.50		\$80,243.75		\$86,285.00
SUBTOTAL SECTION 11 DRAINAGE FACILITIES ITEMS					\$116,857.34		\$108,024.00		\$113,122.10
SUBTOTAL SECTION 11 MISCELLANEOUS ITEMS					\$23,157.18		\$17,845.00		\$19,387.20
TOTAL AMOUNT BID					\$1,044,132.94		\$1,044,271.70		\$1,075,000.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
 TO SERVE GRAND CENTRAL PARK SECTION 10 & 11
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 JANUARY 18, 2018
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 JANUARY 18, 2018
 2274-0010B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONST. CIVIL, LLC DBA R CONST. CO.		5) KENNETH LAMB CONSTRUCTION CO., LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 10 WATER SYSTEM ITEMS							
1.	8" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	2512	\$20.00	\$50,240.00	\$16.00	\$40,192.00
2.	6" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	410	\$11.00	\$4,510.00	\$12.00	\$4,920.00
3.	4" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	327	\$9.00	\$2,943.00	\$9.00	\$2,943.00
4.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3249	\$0.10	\$324.90	\$1.00	\$3,249.00
5.	FIRE HYDRANT ASSEMBLY, ALL DEPTHS, INCLUDING APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	7	\$4,600.00	\$32,200.00	\$3,175.00	\$22,225.00
6.	INSTALLATION OF 1" SINGLE "SHORT SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), NOT TO EXCEED 25 LF, INCLUDING ALL FITTINGS, HARDWARE, METER BOX, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	30	\$400.00	\$12,000.00	\$600.00	\$18,000.00
7.	INSTALLATION OF 1" SINGLE "LONG SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, METER BOX, AND TRENCH SAFETY, COMPLETE IN PLACE	LF	2161	\$18.00	\$38,898.00	\$14.00	\$30,254.00
8.	PLUG & CLAMP, ALL SIZES, 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$300.00	\$300.00
9.	REMOVE AND DISPOSE EXISTING PLUG AND CLAMP AND CONNECT TO PROPOSED WATER LINE, ALL SIZES. INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$400.00	\$400.00	\$100.00	\$100.00
10.	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	5	\$1,200.00	\$6,000.00	\$1,285.00	\$6,425.00
11.	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,000.00	\$1,000.00
12.	4" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$700.00	\$700.00	\$815.00	\$815.00
13.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1.29	\$8,000.00	\$10,320.00	\$6,500.00	\$8,385.00
SUBTOTAL SECTION 10 WATER SYSTEM ITEMS					\$161,335.90		\$138,808.00
SECTION 10 SANITARY SEWER ITEMS							
1.	8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 0' - 8' DEPTH, COMPLETE IN PLACE	LF	265	\$24.00	\$6,360.00	\$19.00	\$5,035.00
2.	10" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 0' - 8' DEPTH, COMPLETE IN PLACE	LF	536	\$30.00	\$16,080.00	\$22.00	\$11,792.00
3.	10" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 8' - 12' DEPTH, COMPLETE IN PLACE	LF	2152	\$30.00	\$64,560.00	\$26.00	\$55,952.00
4.	10" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	135	\$40.00	\$5,400.00	\$30.00	\$4,050.00
5.	10" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 16' - 20' DEPTH, COMPLETE IN PLACE	LF	411	\$65.00	\$26,715.00	\$40.00	\$16,440.00
6.	BORE AND JACK FOR 10" SANITARY SEWER (DOES NOT INCLUDE PIPE), (TO INCLUDE DEWATERING), COMPLETE IN PLACE	LF	56	\$300.00	\$16,800.00	\$100.00	\$5,600.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3443	\$0.10	\$344.30	\$2.00	\$6,886.00
8.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3499	\$2.00	\$6,998.00	\$0.25	\$874.75
9.	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3443	\$25.00	\$86,075.00	\$25.00	\$86,075.00
10.	STANDARD SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOR 6" - 24" SANITARY SEWER PIPES, (0' - 10' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	12	\$3,300.00	\$39,600.00	\$2,700.00	\$32,400.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
 TO SERVE GRAND CENTRAL PARK SECTION 10 & 11
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 JANUARY 18, 2018
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 JANUARY 18, 2018
 2274-0010B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONST. CIVIL, LLC DBA R CONST. CO.		5) KENNETH LAMB CONSTRUCTION CO., LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11.	STANDARD 5' DIAMETER SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOR 6" - 24" SANITARY SEWER PIPES, (OVER 10' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	11	\$4,300.00	\$47,300.00	\$5,000.00	\$55,000.00
12.	EXTRA DEPTH OF SANITARY SEWER MANHOLES WITH CITY OF CONROE APPROVED EPOXY COATING, FOR 5' DIAMETER MANHOLE, (OVER 10' DEPTH), COMPLETE IN PLACE	VF	28	\$400.00	\$11,200.00	\$360.00	\$10,080.00
13.	EXTRA CEMENT STABILIZED SAND BACKFILL, (2 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	CY	100	\$30.00	\$3,000.00	\$20.00	\$2,000.00
14.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, NOT TO EXCEED 25 LF, ALL DEPTHS, INCLUDING TRENCH SAFETY, CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	22	\$800.00	\$17,600.00	\$1,000.00	\$22,000.00
15.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, NOT TO EXCEED 25 LF, ALL DEPTHS, INCLUDING TRENCH SAFETY, CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	876	\$38.00	\$33,288.00	\$40.00	\$35,040.00
16.	CORE INTO EXISTING CITY OF CONROE FIBERGLASS SANITARY SEWER MANHOLE, AND CONNECT PROPOSED 10" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$750.00	\$750.00
SUBTOTAL SECTION10 SANITARY SEWER ITEMS					\$383,120.30		\$349,974.75
SECTION 10 DRAINAGE FACILITIES ITEMS							
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III ALL DEPTHS, COMPLETE IN PLACE	LF	572	\$60.00	\$34,320.00	\$65.00	\$37,180.00
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	639	\$80.00	\$51,120.00	\$88.00	\$56,232.00
3.	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	178	\$99.00	\$17,622.00	\$117.00	\$20,826.00
4.	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	207	\$145.00	\$30,015.00	\$159.00	\$32,913.00
5.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1596	\$0.10	\$159.60	\$1.00	\$1,596.00
6.	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), ALL SIZES, ALL DEPTHS, (THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1596	\$20.00	\$31,920.00 *	\$20.00	\$31,920.00
7.	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$2,900.00	\$43,500.00	\$3,000.00	\$45,000.00
8.	STORM SEWER OUTFALL STRUCTURE, INCLUDING CAST IN PLACE SLOPE PAVING, ALL SIZES, COMPLETE IN PLACE	EA	4	\$13,000.00	\$52,000.00	\$5,000.00	\$20,000.00
9.	STORM OVERFLOW DRAINAGE SWALE, 5:1 SIDE SLOPES, 2' BOTTOM WIDTH, COMPLETE IN PLACE	LF	149	\$14.00	\$2,086.00	\$5.00	\$745.00
10.	STAGE I STANDARD PRECAST INLET TYPE "C" (5'), ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$1,500.00	\$16,500.00	\$1,500.00	\$16,500.00
11.	STAGE II STANDARD PRECAST INLET TYPE "C" (5'), ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$1,700.00	\$18,700.00	\$1,500.00	\$16,500.00
12.	STAGE I STANDARD PRECAST INLET TYPE "C-1" (10'), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,800.00	\$7,200.00	\$2,000.00	\$8,000.00
13.	STAGE II STANDARD PRECAST INLET TYPE "C-1" (10'), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,300.00	\$9,200.00	\$2,000.00	\$8,000.00
SUBTOTAL SECTION 10 DRAINAGE FACILITIES ITEMS					\$314,342.60 *		\$295,412.00
SECTION 10 MISCELLANEOUS ITEMS							
1.	EXTRA CEMENT STABILIZED SAND (2 SACKS PER TON) (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$30.00	\$3,000.00	\$20.00	\$2,000.00

* MATHEMATICAL ERROR

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
 TO SERVE GRAND CENTRAL PARK SECTION 10 & 11
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 JANUARY 18, 2018
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 JANUARY 18, 2018
 2274-0010B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONST. CIVIL, LLC DBA R CONST. CO.		5) KENNETH LAMB CONSTRUCTION CO., LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2.	STANDARD DEDUCT FOR DAMAGE TO AREAS MARKED FOR PRESERVATION, COMPLETE IN PLACE	AC	0	(\$1,000.00)	\$0.00 *	(\$1,000.00)	\$0.00
3.	REMOVE AND DISPOSE OF EXISTING TREE UP TO 18" DIAMETER, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00
4.	REMOVE AND DISPOSE OF EXISTING TREE OVER 18" DIAMETER, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
5.	INSTALLATION AND REMOVAL OF REINFORCE FILTER FABRIC FENCE SWMHCA SPECIFICATION NO. 4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$2.50	\$250.00
6.	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO. 4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	15	\$100.00	\$1,500.00	\$100.00	\$1,500.00
7.	CITY OF CONROE SUBDIVISION BOND (TOTAL BOND AMOUNT \$1,151,488), COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$20,272.00	\$20,272.00
8.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR FOR WS&D, COMPLETE IN PLACE	LS	1	\$12,000.00	\$12,000.00	\$6,630.00	\$6,630.00
9.	6" CEMENT STABILIZED SUBGRADE, AT LEAST 30 LBS/SY OR AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	100	\$30.00	\$3,000.00	\$25.00	\$2,500.00
10.	INSTALL, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, (TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
11.	HAUL, SPREAD AND COMPACT (TO 95% STANDARD PROCTOR DENSITY) UTILITY SPOIL	CY	1900	\$3.00	\$5,700.00	\$2.50	\$4,750.00
SUBTOTAL SECTION 10 MISCELLANEOUS ITEMS					\$30,400.00		\$40,902.00
SECTION 11 WATER SYSTEM ITEMS							
1.	8" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	135	\$16.00	\$2,160.00	\$23.00	\$3,105.00
2.	6" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	332	\$11.00	\$3,652.00	\$15.00	\$4,980.00
3.	4" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	293	\$9.00	\$2,637.00	\$12.00	\$3,516.00
4.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	760	\$0.10	\$76.00	\$1.00	\$760.00
5.	4" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$700.00	\$700.00	\$815.00	\$815.00
6.	FIRE HYDRANT ASSEMBLY, ALL DEPTHS, INCLUDING APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	2	\$4,400.00	\$8,800.00	\$3,175.00	\$6,350.00
7.	INSTALLATION OF 1" SINGLE "SHORT SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), NOT TO EXCEED 25 LF. INCLUDING ALL FITTINGS, HARDWARE, METER BOX, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	7	\$600.00	\$4,200.00	\$600.00	\$4,200.00
8.	INSTALLATION OF 1" SINGLE "LONG SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, METER BOX, AND TRENCH SAFETY, COMPLETE IN PLACE	LF	256	\$20.00	\$5,120.00	\$15.00	\$3,840.00
9.	REMOVE AND DISPOSE EXISTING PLUG AND CLAMP AND CONNECT TO PROPOSED WATER LINE, ALL SIZES. INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS. COMPLETE IN PLACE	EA	1	\$400.00	\$400.00	\$100.00	\$100.00
10.	CAST IRON FITTINGS. COMPLETE IN PLACE	TON	0.37	\$8,000.00	\$2,960.00	\$6,500.00	\$2,405.00
SUBTOTAL SECTION 11 WATER SYSTEM ITEMS					\$30,705.00		\$30,071.00
SECTION 11 SANITARY SEWER ITEMS							
1.	10" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 8' - 12' DEPTH, COMPLETE IN PLACE	LF	675	\$40.00	\$27,000.00	\$26.00	\$17,550.00
2.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	675	\$0.10	\$67.50	\$2.00	\$1,350.00

* MATHEMATICAL ERROR

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
 TO SERVE GRAND CENTRAL PARK SECTION 10 & 11
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 JANUARY 18, 2018
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 JANUARY 18, 2018
 2274-0010B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONST. CIVIL, LLC DBA R CONST. CO.		5) KENNETH LAMB CONSTRUCTION CO., LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	675	\$2.00	\$1,350.00	\$0.25	\$168.75
4.	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	675	\$25.00	\$16,875.00	\$25.00	\$16,875.00
5.	STANDARD SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOR 6" - 24" SANITARY SEWER PIPES, (0' - 10' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	7	\$4,300.00	\$30,100.00	\$2,700.00	\$18,900.00
6.	EXTRA CEMENT STABILIZED SAND BACKFILL, (2 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	CY	100	\$30.00	\$3,000.00	\$20.00	\$2,000.00
7.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 28, NOT TO EXCEED 25 LF, ALL DEPTHS, INCLUDING TRENCH SAFETY, CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	4	\$800.00	\$3,200.00	\$1,000.00	\$4,000.00
8.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 28, NOT TO EXCEED 25 LF, ALL DEPTHS, INCLUDING TRENCH SAFETY, CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	160	\$34.00	\$5,440.00	\$40.00	\$6,400.00
9.	BORE AND JACK FOR 6" SANITARY SEWER LEAD (DOES NOT INCLUDE PIPE), (TO INCLUDE DEWATERING), COMPLETE IN PLACE	LF	50	\$225.00	\$11,250.00	\$50.00	\$2,500.00
10.	REMOVE AND DISPOSE EXISTING 8" SANITARY SEWER PIPE, ALONG SUNBASKE STREET, INCLUDES 1 BRICK PLUG REMOVAL AND DISPOSAL, ALL DEPTHS, COMPLETE IN PLACE	LF	162	\$40.00	\$6,480.00	\$15.00	\$2,430.00
11.	REMOVE AND DISPOSE EXISTING 6" SANITARY SEWER LEAD WYE'S, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
12.	CUT, PLUG, FILL WITH GROUT AND ABANDON EXISTING 8" SANITARY SEWER ALONG TWILIGHT TOAST DRIVE, ALL DEPTHS, COMPLETE IN PLACE	LF	78	\$40.00	\$3,120.00	\$30.00	\$2,340.00
13.	CUT, PLUG, FILL WITH GROUT AND ABANDON EXISTING 6" SANITARY SEWER SERVICE LEAD, ALL DEPTHS, COMPLETE IN PLACE	LF	106	\$30.00	\$3,180.00	\$25.00	\$2,650.00
14.	REMOVE AND DISPOSE EXISTING SANITARY SEWER MANHOLE, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,600.00	\$3,200.00	\$1,000.00	\$2,000.00
SUBTOTAL SECTION 11 SANITARY SEWER ITEMS					\$116,262.50		\$81,163.75
SECTION 11 DRAINAGE FACILITIES ITEMS							
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	43	\$64.00	\$2,752.00	\$65.00	\$2,795.00
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	376	\$77.00	\$28,952.00	\$88.00	\$33,088.00
3.	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	358	\$99.00	\$35,442.00	\$117.00	\$41,886.00
4.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	777	\$0.10	\$77.70	\$1.00	\$777.00
5.	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), ALL SIZES, ALL DEPTHS, (THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	777	\$20.00	\$15,540.00	\$20.00	\$15,540.00
6.	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,600.00	\$15,600.00	\$3,000.00	\$18,000.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
 TO SERVE GRAND CENTRAL PARK SECTION 10 & 11
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 JANUARY 18, 2018
 LJA ENGINEERING, INC.
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ITEM	DESCRIPTION	UNIT	QTY	4) R CONST. CIVIL, LLC DBA R CONST. CO.		5) KENNETH LAMB CONSTRUCTION CO., LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7.	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 42" STORM SEWER AND SMALLER TO BE CONNECTED TO EXISTING STORM SEWER, MANHOLE INCLUDED, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,600.00	\$3,600.00	\$4,000.00	\$4,000.00
8.	STORM SEWER OUTFALL STRUCTURE, INCLUDING CAST IN PLACE, SLOPE PAVING AND RIP-RAP, ALL SIZES, COMPLETE IN PLACE	EA	1	\$17,000.00	\$17,000.00	\$10,000.00	\$10,000.00
9.	STAGE I STANDARD PRECAST INLET TYPE "C-1" (10"), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,800.00	\$3,600.00	\$2,000.00	\$4,000.00
10.	STAGE II STANDARD PRECAST INLET TYPE "C-1" (10"), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,300.00	\$4,600.00	\$2,000.00	\$4,000.00
SUBTOTAL SECTION 11 DRAINAGE FACILITIES ITEMS					\$127,163.70		\$134,086.00
SECTION 11 MISCELLANEOUS ITEMS							
1.	EXTRA CEMENT STABILIZED SAND (2 SACKS PER TON) (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$30.00	\$3,000.00	\$20.00	\$2,000.00
2.	STANDARD DEDUCT FOR DAMAGE TO AREAS MARKED FOR PRESERVATION, COMPLETE IN PLACE	AC	0	(\$1,000.00)	\$0.00 *	(\$1,000.00)	\$0.00
3.	REMOVE AND DISPOSE OF EXISTING TREE UP TO 18" DIAMETER, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00
4.	REMOVE AND DISPOSE OF EXISTING TREE OVER 18" DIAMETER, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
5.	INSTALLATION AND REMOVAL OF REINFORCE FILTER FABRIC FENCE SWMHCA SPECIFICATION NO. 4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$2.50	\$250.00
6.	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO. 4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$100.00	\$200.00
7.	CITY OF CONROE SUBDIVISION BOND (TOTAL BOND AMOUNT \$361,312), COMPLETE IN PLACE	LS	1	\$1,800.00	\$1,800.00	\$7,726.00	\$7,726.00
8.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR FOR WS&D, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00
9.	6" CEMENT STABILIZED SUBGRADE, AT LEAST 30 LBS/SY OR AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	100	\$30.00	\$3,000.00	\$25.00	\$2,500.00
10.	INSTALL, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, (TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
11.	HAUL, SPREAD AND COMPACT (TO 95% STANDARD PROCTOR DENSITY) UTILITY SPOIL	CY	760	\$4.00	\$3,040.00	\$2.50	\$1,900.00
SUBTOTAL SECTION 11 MISCELLANEOUS ITEMS					\$17,240.00		\$19,576.00
BID SUMMARY							
SUBTOTAL SECTION 10 WATER SYSTEM ITEMS					\$161,335.90		\$138,808.00
SUBTOTAL SECTION 10 SANITARY SEWER ITEMS					\$383,120.30		\$349,974.75
SUBTOTAL SECTION 10 DRAINAGE FACILITIES ITEMS					\$314,342.60 *		\$295,412.00
SUBTOTAL SECTION 10 MISCELLANEOUS ITEMS					\$30,400.00		\$40,902.00
SUBTOTAL SECTION 11 WATER SYSTEM ITEMS					\$30,705.00		\$30,071.00
SUBTOTAL SECTION 11 SANITARY SEWER ITEMS					\$116,262.50		\$81,163.75
SUBTOTAL SECTION 11 DRAINAGE FACILITIES ITEMS					\$127,163.70		\$134,086.00
SUBTOTAL SECTION 11 MISCELLANEOUS ITEMS					\$17,240.00		\$19,576.00
TOTAL AMOUNT BID					\$1,180,570.00 *		\$1,089,993.50

* MATHEMATICAL ERROR