

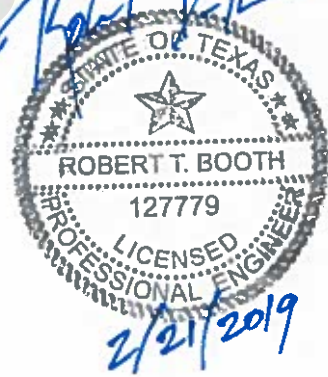
BID TABULATION FOR:

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 17
CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
FEBRUARY 19, 2019
LJA ENGINEERING, INC.
P. CHATTERJEE
FEBRUARY 20, 2019
2274-0017B (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT
1) CROSTEX CONSTRUCTION, INC.	\$815,000.00
2) C E. BARKER, LTD.	\$631,620.80

CALENDAR DAYS - 30/45



Robert Booth

I, Robert Booth, P.E., hereby certify these bid tabulations to be true and correct.

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 LJA ENGINEERING, INC.
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 2274-0017B (9.2)

ITEM DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) C.E. BARKER, LTD.		3)	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS								
1. 8" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	790	\$18.50	\$14,615.00	\$15.15	\$11,968.50		\$0.00
2. 6" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	303	\$15.25	\$4,620.75	\$11.71	\$3,548.13		\$0.00
3. 4" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	272	\$12.50	\$3,400.00	\$9.39	\$2,554.08		\$0.00
4. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1365	\$0.05	\$68.25	\$0.12	\$163.80		\$0.00
5. FLUSHING VALVE ASSEMBLY, ALL DEPTHS, INCLUDING APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	3	\$4,400.00	\$13,200.00	\$4,879.77	\$14,839.31		\$0.00
6. INSTALLATION OF 1" SINGLE "SHORT SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE METER BOX, MARKER, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	16	\$470.00	\$7,520.00	\$569.14	\$9,106.24		\$0.00
7. INSTALLATION OF 1" "LONG SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, METER BOX, AND TRENCH SAFETY, COMPLETE IN PLACE	LF	1160	\$17.75	\$20,590.00	\$24.21	\$28,083.60		\$0.00
8. 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	2	\$250.00	\$500.00	\$972.24	\$1,944.48		\$0.00
9. CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1	\$5,600.00	\$5,600.00	\$6,599.79	\$6,599.79		\$0.00
10. 6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$868.21	\$868.21		\$0.00
11. 8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,185.00	\$2,370.00	\$1,261.54	\$2,523.08		\$0.00
SUBTOTAL WATER SUBTOTAL ITEMS				\$73,284.00		\$81,999.22		\$0.00
SANITARY SEWER ITEMS								
1. 8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, CLASS 235, 0' - 8' DEPTH, COMPLETE IN PLACE	LF	563	\$23.50	\$13,230.50	\$15.60	\$8,782.80		\$0.00
2. 6" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, CLASS 235, 8' - 12' DEPTH, COMPLETE IN PLACE	LF	465	\$25.50	\$11,857.50	\$16.70	\$7,765.50		\$0.00
3. 8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, CLASS 235, DEPTH 12'-16', COMPLETE IN PLACE	LF	222	\$27.50	\$6,105.00	\$20.29	\$4,504.38		\$0.00
4. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1250	\$0.10	\$125.00	\$0.12	\$150.00		\$0.00
5. 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	1000	\$25.00	\$25,000.00	\$25.00	\$25,000.00		\$0.00
6. 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	10	\$4,500.00	\$45,000.00	\$4,032.07	\$40,320.70		\$0.00
7. 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	2	\$5,500.00	\$11,000.00	\$5,242.30	\$10,484.60		\$0.00
8. EXTRA DEPTH OF SANITARY SEWER MANHOLES WITH CITY OF CONROE APPROVED EPOXY COATING, FOR 5' DIAMETER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	5.6	\$500.00	\$2,800.00	\$398.49	\$2,231.54		\$0.00
9. EXTRA DEPTH OF SANITARY SEWER MANHOLES WITH CITY OF CONROE APPROVED EPOXY COATING, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	4.8	\$450.00	\$2,160.00	\$300.00	\$1,440.00		\$0.00
10. FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	12	\$100.00	\$1,200.00	\$256.49	\$3,077.88		\$0.00
11. 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	\$12.00	\$1,200.00		\$0.00

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 TO SERVE GRAND CENTRAL PARK SECTION 17
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 FEBRUARY 19, 2019
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 P.CHATTERJEE
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 2274-0017B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) C.E. BARKER, LTD.		3)	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING TRENCH SAFETY, CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	13	\$815.00	\$10,595.00	\$575.00	\$7,475.00		\$0.00
13.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SR 26, ALL DEPTHS, INCLUDING TRENCH SAFETY, CEMENT STABILIZED BACKFILL, DROP AND RISER, EXISTING STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	543	\$30.50	\$16,561.50	\$34.02	\$18,472.68		\$0.00
14.	REMOVE 8" PLUG AND CONNECT TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$972.24	\$972.24		\$0.00
15.	CLEAN OUT FOR SANITARY SEWER LEAD, SEE CITY OF CONROE DETAIL SWR-18, SHEET 23, COMPLETE IN PLACE	EA	39	\$275.00	\$10,725.00	\$561.69	\$21,905.91		\$0.00
SUBTOTAL SANITARY SEWER ITEMS					\$157,659.50		\$153,783.41		\$0.00
DRAINAGE FACILITIES ITEMS									
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	446	\$58.25	\$25,979.50	\$62.26	\$27,767.96		\$0.00
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	25	\$74.50	\$1,862.50	\$81.44	\$2,036.00		\$0.00
3.	36" RCP STORM SEWER, ASTM C-76, CLASS II, ALL DEPTHS, COMPLETE IN PLACE	LF	271	\$101.00	\$27,371.00	\$114.10	\$30,921.10		\$0.00
4.	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	91	\$130.00	\$11,830.00	\$147.69	\$13,439.79		\$0.00
5.	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	39	\$159.00	\$6,201.00	\$179.84	\$7,013.76		\$0.00
6.	60" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	199	\$266.00	\$52,934.00	\$307.95	\$61,282.05		\$0.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1071	\$0.10	\$107.10	\$0.12	\$128.52		\$0.00
8.	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	800	\$25.00	\$20,000.00	\$25.00	\$20,000.00		\$0.00
9.	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 24" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,300.00	\$9,200.00	\$3,559.19	\$14,236.76		\$0.00
10.	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 24" - 72" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$4,800.00	\$32,200.00	\$4,790.36	\$33,532.52		\$0.00
11.	STORM SEWER OUTFALL STRUCTURE INCLUDING 4:1 CAST IN PLACE SLOPED PAVING FOR 60" PIPE, DRAINAGE SWALE WITH 2' BOTTOM WIDTH AND 4:1 SIDESLOPES, APPROXIMATELY 600 SY OF 18" RIP RAP, COMPLETE IN PLACE	LS	1	\$95,000.00	\$95,000.00	\$67,407.66	\$67,407.66		\$0.00
12.	STAGE I STANDARD PRECAST INLET TYPE "C" (5 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,000.00	\$8,000.00	\$1,477.40	\$5,909.60		\$0.00
13.	STAGE II STANDARD PRECAST INLET TYPE "C" (5 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$500.00	\$2,000.00	\$1,354.28	\$5,417.12		\$0.00
14.	STAGE I STANDARD PRECAST INLET TYPE "C-1" (10'), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$1,477.40	\$5,909.60		\$0.00
15.	STAGE II STANDARD PRECAST INLET TYPE "C-1" (10'), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$500.00	\$2,000.00	\$1,600.51	\$6,402.04		\$0.00
16.	STORM OVERFLOW DRAINAGE SWALE IN ACCORDANCE WITH THE CROSS SECTION ON SHEET 7 AND PROFILE ON SHEET 16, COMPLETE IN PLACE	LF	53	\$15.00	\$795.00	\$8.19	\$434.07		\$0.00
17.	REMOVE AND DISPOSE OF 8" BRICK PLUG AND CONNECT TO 36" STORM SEWER, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$923.38	\$923.38		\$0.00
18.	ROCK FILTER DAM (TYPE 3), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$4,013.60	\$4,013.60		\$0.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$307,180.10		\$306,775.53		\$0.00
MISCELLANEOUS ITEMS									

MISCELLANEOUS ITEMS

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) C.E. BARKER, LTD.		3)	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	\$12.00	\$1,200.00		\$0.00
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		\$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		\$0.00
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		\$0.00
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		\$0.00
6.	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO. 4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	12	\$50.00	\$600.00	\$61.56	\$738.72		\$0.00
7.	CITY OF CONROE SUBDIVISION BOND (TOTAL BOND AMOUNT \$670,900.00), COMPLETE IN PLACE	LS	1	\$15,285.00	\$15,285.00	\$20,521.81	\$20,521.81		\$0.00
8.	CLEARING AND GRUBBING OF PUBLIC UTILITY EASEMENTS, COMPLETE IN PLACE	AC	1.03	\$7,500.00	\$7,725.00	\$7,386.99	\$7,608.60		\$0.00
9.	CHIPPING AND HAULING OFFSITE OF CLEARED PUBLIC UTILITY EASEMENTS, COMPLETE IN PLACE	AC	1.03	\$1.00	\$1.03	\$3,077.91	\$3,170.25		\$0.00
10.	CLEARING AND GRUBBING OF LOTS FOR GRADING PURPOSES, COMPLETE IN PLACE	AC	2.5	\$7,500.00	\$18,750.00	\$7,386.99	\$18,467.48		\$0.00
11.	CHIPPING AND HAULING OFFSITE LOTS FOR GRADING PURPOSES, COMPLETE IN PLACE	AC	2.5	\$1.00	\$2.50	\$3,077.91	\$7,894.78		\$0.00
12.	CLEARING AND GRUBBING AND HAULING OFFSITE OF CLEARED MATERIAL AS NECESSARY (TO BE PERFORMED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00		\$0.00
13.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR FOR WS&D, COMPLETE IN PLACE	LS	1	\$5,590.87	\$5,590.87	\$3,330.42	\$3,330.42		\$0.00
14.	8" CEMENT STABILIZED SUBGRADE, AT LEAST 30 LBS/SY OR AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	1	\$100.00	\$100.00	\$20.00	\$20.00		\$0.00
15.	HAUL, SPREAD AND COMPACT (TO 95% STANDARD PROCTOR DENSITY) UTILITY SPOILS, IN ACCORDANCE WITH THE GRADING PLAN, COMPLETE IN PLACE	CY	1338	\$3.00	\$4,014.00	\$2.56	\$3,452.04		\$0.00
18.	REMOVAL AND LEGAL DISPOSAL OF EXISTING SANITARY SEWER SYSTEM, INCLUDES ALL MANHOLES, FORCEMAIN, AND OTHER STRUCTURES, COMPLETE IN PLACE	LF	528	\$18.50	\$9,768.00	\$13.43	\$7,091.04		\$0.00
17.	REMOVE AND DISPOSE EXISTING WATER LINE, ALL DEPTHS, COMPLETE IN PLACE	LF	514	\$10.00	\$5,140.00	\$13.75	\$7,067.50		\$0.00
SUBTOTAL MISCELLNEOUS ITEMS					\$76,876.40		\$89,062.63		\$0.00
BID SUMMARY									
SUBTOTAL WATER SUBTOTAL ITEMS					\$73,284.00		\$81,999.22		\$0.00
SUBTOTAL SANITARY SEWER ITEMS					\$157,659.50		\$153,783.41		\$0.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$307,180.10		\$308,775.53		\$0.00
SUBTOTAL MISCELLNEOUS ITEMS					\$76,876.40		\$89,062.63		\$0.00
TOTAL AMOUNT BID					\$615,000.00		\$631,620.80		\$0.00