

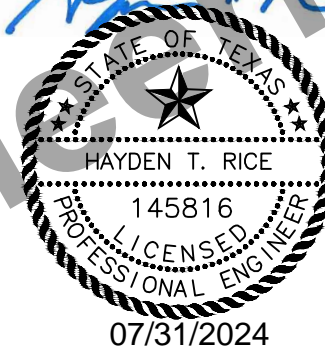
BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE GRAND CENTRAL PARK SECTION 37
CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
JULY 31, 2024
LJA ENGINEERING, INC.
E. OFFICE
JULY 31, 2024
2274-0037B & 2274-0037C (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEMS
1) CROSTEX CONSTRUCTION INC.	\$894,000.00	\$885,202.85
2) CE BARKER LTD.	\$907,265.40	\$899,275.00

CALENDAR DAYS 40/50



I, Hayden T. Rice, PE, hereby certify these bid tabulations to be true and correct.

LJA Engineering, Inc.

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE GRAND CENTRAL PARK SECTION 37 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 JULY 31, 2024
 LJA ENGINEERING, INC.
 E. OFFICE
 JULY 31, 2024
 2274-0037B & 2274-0037C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS							
1	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	677	\$34.00	\$23,018.00	\$36.00	\$24,372.00
2	4" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	355	\$18.00	\$6,390.00	\$20.00	\$7,100.00
3	INSTALLATION OF 1" SINGLE OR DOUBLE "SHORT SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, COMPLETE IN PLACE	EA	6	\$750.00	\$4,500.00	\$825.00	\$4,950.00
4	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, COMPLETE IN PLACE	LF	537	\$24.00	\$12,888.00	\$18.50	\$9,934.50
5	FLUSHING VALVE ASSEMBLY, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	3	\$6,500.00	\$19,500.00	\$6,500.00	\$19,500.00
6	REMOVE AND DISPOSE OFFSITE OF EXISTING FLUSHING VALVE, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,250.00	\$1,250.00
7	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	5	\$1,330.00	\$6,650.00	\$2,000.00	\$10,000.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	1569	\$0.05	\$78.45	\$0.10	\$156.90
9	12" X 8" TAPPING SLEEVE AND VALVE & BOX, COMPLETE IN PLACE	EA	1	\$8,500.00	\$8,500.00	\$7,500.00	\$7,500.00
10	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	86	\$77.00	\$6,622.00	\$86.00	\$7,396.00
11	DUCTILE IRON FITTINGS, COMPLETE IN PLACE	TON	1.2	\$6,700.00	\$8,040.00	\$2,500.00	\$3,000.00
WATER SYSTEM ITEMS SUBTOTAL:					\$97,686.45		\$95,159.40
SANITARY SEWER SYSTEM ITEMS							
1	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, 0' - 8' DEPTH, COMPLETE IN PLACE	LF	722	\$38.00	\$27,436.00	\$55.00	\$39,710.00
2	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, 8' - 12' DEPTH, COMPLETE IN PLACE	LF	842	\$42.00	\$35,364.00	\$60.00	\$50,520.00
3	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOLLOWING FINAL ADJUSTMENTS, (0'-8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	8	\$5,000.00	\$40,000.00	\$4,000.00	\$32,000.00
4	EXTRA DEPTH OF SANITARY SEWER MANHOLES WITH CITY OF CONROE APPROVED EPOXY COATING, FOR 4' DIAMETER MANHOLE, (8'-10' DEPTH), COMPLETE IN PLACE	VF	2.6	\$500.00	\$1,300.00	\$250.00	\$650.00
5	STANDARD 5' DIAMETER SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOLLOWING FINAL ADJUSTMENTS, (8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	2	\$7,100.00	\$14,200.00	\$6,000.00	\$12,000.00
6	EXTRA DEPTH OF SANITARY SEWER MANHOLES WITH CITY OF CONROE APPROVED EPOXY COATING, FOR 5' DIAMETER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	1.7	\$710.00	\$1,207.00	\$500.00	\$850.00
7	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	10	\$100.00	\$1,000.00	\$100.00	\$1,000.00
8	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, TRACER WIRE, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	9	\$960.00	\$8,640.00	\$850.00	\$7,650.00

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 JULY 31, 2024
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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, TRACER WIRE, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	73	\$45.00	\$3,285.00	\$50.00	\$3,650.00
10	CLEAN OUT FOR SANITARY SEWER LEAD, SEE CITY OF CONROE DETAIL SWR-18, SHEET 26, COMPLETE IN PLACE	EA	10	\$525.00	\$5,250.00	\$725.00	\$7,250.00
11	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	1637	\$25.00	\$40,925.00	\$25.00	\$40,925.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS ALL SIZES, COMPLETE IN PLACE	LF	1564	\$0.10	\$156.40	\$0.10	\$156.40
13	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00
SANITARY SEWER SYSTEM ITEMS SUBTOTAL:					\$181,263.40	\$199,861.40	
DRAINAGE FACILITIES ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III ALL DEPTHS, COMPLETE IN PLACE	LF	911	\$84.00	\$76,524.00	\$95.00	\$86,545.00
2	36" RCP STORM SEWER, ASTM C-76, CLASS III ALL DEPTHS, COMPLETE IN PLACE	LF	314	\$144.00	\$45,216.00	\$160.00	\$50,240.00
3	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 24"-72" STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$3,700.00	\$18,500.00	\$4,000.00	\$20,000.00
4	STAGE I STANDARD PRECAST INLET TYPE "C" (5'), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$3,000.00	\$18,000.00	\$3,300.00	\$19,800.00
5	STAGE II STANDARD PRECAST INLET TYPE "C" (5'), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$1,000.00	\$6,000.00	\$2,200.00	\$13,200.00
6	STAGE I STANDARD PRECAST INLET TYPE "C-1" (10 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$3,000.00	\$9,000.00	\$3,960.00	\$11,880.00
7	STAGE II STANDARD PRECAST INLET TYPE "C-1" (10 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$1,350.00	\$4,050.00	\$2,640.00	\$7,920.00
8	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$4,000.00	\$4,000.00
9	FINAL ADJUSTMENTS TO STORM SEWER MANHOLES, COMPLETE IN PLACE	EA	5	\$100.00	\$500.00	\$100.00	\$500.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1225	\$0.05	\$61.25	\$0.10	\$122.50
11	STORM SEWER OUTFALL STRUCTURE, INCLUDING 5:1 CAST IN PLACE SLOPE PAVING WITH TOE WALLS ALL AROUND FOR 36" RCP, APPROXIMATELY 214 LF RIP-RAP LINED OUTFALL SWALE WITH 5' BOTTOM WIDTH AND 5:1 SIDE SLOPES, IN ACCORDANCE WITH PROFILE ON SHEET 16 OF 36, COMPLETE IN PLACE	EA	1	\$45,000.00	\$45,000.00	\$10,000.00	\$10,000.00

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12	INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 3, COMPLETE IN PLACE	EA	2	\$3,500.00	\$7,000.00	\$1,500.00	\$3,000.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$234,351.25	\$227,207.50	
MISCELLANEOUS ITEMS (WS&D)							
1	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	0.5	\$20,000.00	\$10,000.00	\$15,000.00	\$7,500.00
2	EXTRA CEMENT STABILIZED SAND (2 SACKS PER TON) (TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$25.00	\$2,500.00
3	STANDARD DEDUCT FOR DAMAGE TO AREAS MARKED FOR PRESERVATION, COMPLETE IN PLACE	AC	0	-\$1,000.00	\$0.00	-\$1,000.00	\$0.00
4	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
5	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
6	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	\$5.00	\$500.00	\$5.00	\$500.00
7	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO. 4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	11	\$100.00	\$1,100.00	\$25.00	\$275.00
8	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR FOR WS&D, COMPLETE IN PLACE	LS	1	\$5,234.35	\$5,234.35	\$15,000.00	\$15,000.00
9	HAUL, SPREAD AND COMPACT (TO 95% STANDARD PROCTOR DENSITY) UTILITY SPOILS, IN ACCORDANCE WITH THE GRADING PLAN (SHEET 10 OF 36), INCLUDES ANY STRIPPING, DEWATERING, DEMUCKING NECESSARY TO PREPARE SITE FOR FILL PLACEMENT, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1114	\$13.00	\$14,482.00	\$6.00	\$6,684.00
MISCELLANEOUS ITEMS (WS&D) SUBTOTAL:					\$34,816.35	\$33,959.00	
PAVING AND APPURTENANCES ITEMS							
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	3817	\$64.25	\$245,242.25	\$55.00	\$209,935.00
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1328	\$4.30	\$5,710.40	\$3.15	\$4,183.20
3	4" X 12" MOUNTABLE REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	986	\$4.30	\$4,239.80	\$3.15	\$3,105.90
4	6" CEMENT STABILIZED SUBGRADE MANIPULATION, AT LEAST 40 LBS/SY, ONLY AS DIRECTED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	SY	4331	\$5.35	\$23,170.85	\$14.00	\$60,634.00
5	CEMENT FOR SUBGRADE STABILIZATION (8% CEMENT BY WEIGHT, 40 LBS/SY, PER 6" DEPTH), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	86.6	\$338.00	\$29,270.80	\$250.00	\$21,650.00
6	FINAL SITE GRADING, COMPLETE IN PLACE	LS	1	\$11,000.00	\$11,000.00	\$5,000.00	\$5,000.00
7	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING, LANE MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN PLANS, ETC., COMPLETE IN PLACE	LS	1	\$4,300.00	\$4,300.00	\$1,500.00	\$1,500.00
8	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	3	\$17.00	\$51.00	\$15.00	\$45.00
9	SAW CUT OF EXISTING 6" CONCRETE PAVEMENT AND CURB, FULL DEPTH, COMPLETE IN PLACE	LF	95	\$17.00	\$1,615.00	\$10.00	\$950.00
10	REMOVE AND OFFSITE DISPOSAL OF EXISTING 6" CONCRETE PAVEMENT AND SUBGRADE, AS SPECIFIED BY THE ENGINEER, COMPLETE IN PLACE	SY	70	\$33.00	\$2,310.00	\$20.00	\$1,400.00

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	TIE IN TO EXISTING PAVEMENT, INCLUDES DOWELING INTO EXISTING PAVEMENT, COMPLETE IN PLACE	LF	107	\$5.35	\$572.45	\$25.00	\$2,675.00
PAVING AND APPURTENANCES ITEMS SUBTOTAL:					\$327,482.55	\$311,078.10	
MISCELLANEOUS ITEMS (PAVING)							
1	CITY OF CONROE SUBDIVISION BOND, TO BE PROVIDED ON STANDARD CITY OF CONROE FORM (TOTAL BOND AMOUNT \$1,107,150.00), COMPLETE IN PLACE	LS	1	\$12,200.00	\$12,200.00	\$35,000.00	\$35,000.00
2	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, FOR PAVING, COMPLETE IN PLACE	LS	1	\$2,150.00	\$2,150.00	\$2,200.00	\$2,200.00
3	4" SCHEDULE 40 PVC IRRIGATION SLEEVES, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	50	\$38.00	\$1,900.00	\$26.00	\$1,300.00
4	6" SCHEDULE 40 PVC IRRIGATION SLEEVES, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	50	\$43.00	\$2,150.00	\$30.00	\$1,500.00
MISCELLANEOUS ITEMS (PAVING) SUBTOTAL:					\$18,400.00	\$40,000.00	
ALTERNATE BID ITEMS							
1	6" LIME-FLYASH STABILIZED SUBGRADE MANIPULATIONS, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, IN LIEU OF PAVING AND APPURTENANCES ITEM NO. 4, COMPLETE IN PLACE	SY	3898	\$5.35	\$20,854.30	\$14.00	\$54,572.00
2	LIME FOR SUBGRADE STABILIZATION (2% LIME BY WEIGHT, 10 LBS/SY, PER 6" DEPTH), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE GEOTECHNICAL ENGINEER, IN LIEU OF PAVING AND APPURTENANCES ITEM NO. 5, COMPLETE IN PLACE	TON	21.6	\$442.00	\$9,547.20	\$336.00	\$7,257.60
3	FLYASH FOR SUBGRADE STABILIZATION (8% FLYASH BY WEIGHT, 40 LBS/SY, PER 6" DEPTH), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE GEOTECHNICAL ENGINEER, IN LIEU OF PAVING AND APPURTENANCES ITEM NO. 5, COMPLETE IN PLACE	TON	77.9	\$170.00	\$13,243.00	\$160.00	\$12,464.00
ALTERNATE BID ITEMS SUBTOTAL:					\$43,644.50	\$74,293.60	
BIDDING SUMMARY							
SUBTOTAL WATER SYSTEM ITEMS					\$97,686.45	\$95,159.40	
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$181,263.40	\$199,861.40	
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$234,351.25	\$227,207.50	
SUBTOTAL MISCELLANEOUS ITEMS (WS&D)					\$34,816.35	\$33,959.00	
SUBTOTAL PAVING AND APPURTENANCES ITEMS					\$327,482.55	\$311,078.10	
SUBTOTAL MISCELLANEOUS ITEMS (PAVING)					\$18,400.00	\$40,000.00	
TOTAL AMOUNT BASE BID					\$894,000.00	\$907,265.40	
ALTERNATE BID ITEMS							
TOTAL AMOUNT BASE BID					\$894,000.00	\$907,265.40	
DEDUCT PAVING AND APPURTENANCES ITEMS ITEM NO.4					-\$23,170.85	-\$60,634.00	
DEDUCT PAVING AND APPURTENANCES ITEMS ITEM NO.5					-\$29,270.80	-\$21,650.00	
SUBTOTAL ALTERNATE BID ITEMS					\$43,644.50	\$74,293.60	
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$885,202.85	\$899,275.00	