

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
TO SERVE GRAND CENTRAL PARK SECTION 33
CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
JANUARY 18, 2024
LJA ENGINEERING, INC.
P.CHATTERJEE
JANUARY 18, 2024
2274-0033B & 2274-0033C (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEMS
1) CROSTEX CONSTRUCTION INC.	\$3,100,000.00	\$3,082,472.50
2) R CONSTRUCTION CIVIL, LLC	\$4,299,075.50	\$4,293,485.50
3) PRINCIPAL SERVICES, LTD	\$4,325,564.09	\$4,302,289.09

CALENDAR DAYS 105/125




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

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 LJA ENGINEERING, INC.
 P.CHATTERJEE
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 2274-0033B & 2274-0033C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL, LLC		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	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	1786	\$35.00	\$62,510.00	\$45.00	\$80,370.00	\$35.00	\$62,510.00
2	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	23	\$880.00	\$20,240.00	\$1,100.00	\$25,300.00	\$1,049.00	\$24,127.00
3	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	1870	\$26.00	\$48,620.00	\$35.00	\$65,450.00	\$31.00	\$57,970.00
4	FLUSHING VALVE ASSEMBLY, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	6	\$6,100.00	\$36,600.00	\$8,000.00	\$48,000.00	\$6,465.00	\$38,790.00
5	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	7	\$1,700.00	\$11,900.00	\$2,100.00	\$14,700.00	\$1,809.00	\$12,663.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	5167	\$0.05	\$258.35	\$0.10	\$516.70	\$0.10	\$516.70
7	8" X 8" TAPPING SLEEVE AND VALVE & BOX, COMPLETE IN PLACE	EA	2	\$12,500.00	\$25,000.00	\$6,500.00	\$13,000.00	\$6,599.00	\$13,198.00
8	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	178	\$54.00	\$9,612.00	\$69.00	\$12,282.00	\$58.00	\$10,324.00
9	DUCTILE IRON FITTINGS, COMPLETE IN PLACE	TON	1.6	\$7,100.00	\$11,360.00	\$7,800.00	\$12,480.00	\$500.00	\$800.00
10	8" PLUG & CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	2	\$720.00	\$1,440.00	\$800.00	\$1,600.00	\$824.00	\$1,648.00
11	AUGER FOR 16" STEEL CASING AND 8" WATER LINE, (EXCLUDES CASING AND CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	109	\$75.00	\$8,175.00	\$210.00	\$22,890.00	\$100.00	\$10,900.00
12	16" STEEL CASING FOR 8" WATER LINE, INCLUDES ALL NECESSARY CAPS, SPACES AND APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	LF	109	\$95.00	\$10,355.00	\$120.00	\$13,080.00	\$99.00	\$10,791.00
WATER SYSTEM ITEMS SUBTOTAL:					\$246,070.35		\$309,668.70		\$244,237.70
SANITARY SEWER SYSTEM ITEMS									
1	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, 0' - 8' DEPTH, COMPLETE IN PLACE	LF	863	\$40.00	\$34,520.00	\$50.00	\$43,150.00	\$38.00	\$32,794.00
2	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, 8' - 12' DEPTH, COMPLETE IN PLACE	LF	817	\$43.00	\$35,131.00	\$55.00	\$44,935.00	\$51.00	\$41,667.00
3	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	229	\$47.00	\$10,763.00	\$70.00	\$16,030.00	\$52.00	\$11,908.00
4	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	2	\$4,800.00	\$9,600.00	\$7,000.00	\$14,000.00	\$5,000.00	\$10,000.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES WITH CITY OF CONROE APPROVED EPOXY COATING, FOR 4' DIAMETER MANHOLE, (8'-10' DEPTH), COMPLETE IN PLACE	VF	1.1	\$480.00	\$528.00	\$500.00	\$550.00	\$1,000.00	\$1,100.00
6	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	17	\$7,000.00	\$119,000.00	\$11,000.00	\$187,000.00	\$6,680.00	\$113,560.00

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL, LLC		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	EXTRA DEPTH OF SANITARY SEWER MANHOLES WITH CITY OF CONROE APPROVED EPOXY COATING, FOR 5' DIAMETER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	34.7	\$700.00	\$24,290.00	\$1,000.00	\$34,700.00	\$1,500.00	\$52,050.00
8	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	19	\$150.00	\$2,850.00	\$120.00	\$2,280.00	\$1.00	\$19.00
9	"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	18	\$1,350.00	\$24,300.00	\$1,400.00	\$25,200.00	\$1,493.00	\$26,874.00
10	"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	767	\$43.00	\$32,981.00	\$45.00	\$34,515.00	\$41.00	\$31,447.00
11	CLEAN OUT FOR SANITARY SEWER LEAD, SEE CITY OF CONROE DETAIL SWR-18, SHEET 26, COMPLETE IN PLACE	EA	32	\$750.00	\$24,000.00	\$600.00	\$19,200.00	\$100.00	\$3,200.00
12	REMOVE AND OFFSITE DISPOSAL OF EXISTING 8" PLUG, ALL DEPTHS, COMPLETE IN PLACE.	EA	1	\$2,100.00	\$2,100.00	\$1,500.00	\$1,500.00	\$100.00	\$100.00
13	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	1432	\$25.00	\$35,800.00	\$25.00	\$35,800.00	\$25.00	\$35,800.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS ALL SIZES, COMPLETE IN PLACE	LF	2676	\$0.10	\$267.60	\$0.10	\$267.60	\$0.10	\$267.60
15	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, (0' - 2' DROP), COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$450.00	\$900.00	\$695.00	\$1,390.00
16	EXTRA DEPTH ON SANITARY SEWER DROP, (OVER 2' OF DEPTH), COMPLETE IN PLACE	VF	2	\$50.00	\$100.00	\$110.00	\$220.00	\$52.00	\$104.00
17	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$50.00	\$50.00	\$75.00	\$75.00
SANITARY SEWER SYSTEM ITEMS SUBTOTAL:					\$357,330.60		\$460,297.60		\$362,355.60
DRAINAGE FACILITIES ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III ALL DEPTHS, COMPLETE IN PLACE	LF	993	\$83.00	\$82,419.00	\$110.00	\$109,230.00	\$94.00	\$93,342.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III ALL DEPTHS, COMPLETE IN PLACE	LF	484	\$104.00	\$50,336.00	\$140.00	\$67,760.00	\$127.00	\$61,468.00
3	42" RCP STORM SEWER, ASTM C-76, CLASS III ALL DEPTHS, COMPLETE IN PLACE	LF	33	\$191.00	\$6,303.00	\$275.00	\$9,075.00	\$232.00	\$7,656.00
4	48" RCP STORM SEWER, ASTM C-76, CLASS III ALL DEPTHS, COMPLETE IN PLACE	LF	10	\$229.00	\$2,290.00	\$400.00	\$4,000.00	\$273.00	\$2,730.00
5	54" RCP STORM SEWER, ASTM C-76, CLASS III ALL DEPTHS, COMPLETE IN PLACE	LF	112	\$335.00	\$37,520.00	\$410.00	\$45,920.00	\$388.00	\$43,456.00
6	60" RCP STORM SEWER, ASTM C-76, CLASS III ALL DEPTHS, COMPLETE IN PLACE	LF	120	\$390.00	\$46,800.00	\$465.00	\$55,800.00	\$448.00	\$53,760.00
7	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 24"-72" STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$5,800.00	\$58,000.00	\$5,500.00	\$55,000.00	\$3,644.00	\$36,440.00

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8	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE 'C' MANHOLE TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$17,500.00	\$17,500.00	\$19,000.00	\$19,000.00	\$13,176.00	\$13,176.00
9	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED STORM SEWER, INCLUDES APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$650.00	\$650.00	\$295.00	\$295.00
10	8" BRICK PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$650.00	\$650.00	\$293.00	\$293.00
11	STAGE I STANDARD PRECAST INLET TYPE "C" (5'), ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$2,500.00	\$25,000.00	\$2,500.00	\$25,000.00	\$1,382.00	\$13,820.00
12	STAGE II STANDARD PRECAST INLET TYPE "C" (5'), ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$1,000.00	\$10,000.00	\$3,500.00	\$35,000.00	\$2,056.00	\$20,560.00
13	STAGE I STANDARD PRECAST INLET TYPE "C-1" (10 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$1,440.00	\$2,880.00
14	STAGE II STANDARD PRECAST INLET TYPE "C-1" (10 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00	\$4,000.00	\$8,000.00	\$2,506.00	\$5,012.00
15	STAGE I STANDARD PRECAST INLET TYPE "C-2" (15 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$1,440.00	\$2,880.00
16	STAGE I STANDARD PRECAST INLET TYPE "C-2" (15 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$4,500.00	\$9,000.00	\$2,912.00	\$5,824.00
17	FINAL ADJUSTMENTS TO STORM SEWER MANHOLES, COMPLETE IN PLACE	EA	10	\$150.00	\$1,500.00	\$120.00	\$1,200.00	\$1.00	\$10.00
18	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1752	\$0.05	\$87.60	\$0.10	\$175.20	\$0.10	\$175.20
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$356,005.60		\$455,460.20		\$363,777.20
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	\$5,000.00	\$2,500.00	\$60,000.00	\$30,000.00	\$5,000.00	\$2,500.00
2	EXTRA CEMENT STABILIZED SAND (2 SACKS PER TON) (TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	100	\$25.00	\$2,500.00	\$60.00	\$6,000.00	\$12.00	\$1,200.00
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	-\$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	\$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	\$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	\$2.00	\$200.00	\$1.50	\$150.00	\$2.00	\$200.00
7	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO. 4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	14	\$100.00	\$1,400.00	\$50.00	\$700.00	\$50.00	\$700.00
8	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR FOR WS&D, COMPLETE IN PLACE	LS	1	\$12,031.20	\$12,031.20	\$15,000.00	\$15,000.00	\$5,556.00	\$5,556.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	3310	\$4.00	\$13,240.00	\$1.00	\$3,310.00	\$2.00	\$6,620.00
10	INSTALLATION OF 1" SINGLE OR DOUBLE "SHORT SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 1 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$500.00	\$500.00	\$1,420.00	\$1,420.00
11	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 1 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	76	\$60.00	\$4,560.00	\$20.00	\$1,520.00	\$34.00	\$2,584.00
12	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 2 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	58	\$60.00	\$3,480.00	\$20.00	\$1,160.00	\$44.00	\$2,552.00
13	INSTALLATION OF 1" SINGLE OR DOUBLE "SHORT SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 4 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00
14	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 4 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	32	\$80.00	\$2,560.00	\$20.00	\$640.00	\$80.00	\$2,560.00
15	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 5 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	165	\$60.00	\$9,900.00	\$20.00	\$3,300.00	\$16.00	\$2,640.00
16	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 6 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	27	\$80.00	\$2,160.00	\$20.00	\$540.00	\$93.00	\$2,511.00
17	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 7 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	62	\$60.00	\$3,720.00	\$20.00	\$1,240.00	\$42.00	\$2,604.00
18	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 8 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	28	\$80.00	\$2,240.00	\$20.00	\$560.00	\$91.00	\$2,548.00
19	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 10 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	27	\$80.00	\$2,160.00	\$20.00	\$540.00	\$94.00	\$2,538.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 11 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	28	\$80.00	\$2,240.00	\$20.00	\$560.00	\$91.00	\$2,548.00
21	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 12 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	58	\$60.00	\$3,480.00	\$20.00	\$1,160.00	\$45.00	\$2,610.00
22	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 14 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	32	\$80.00	\$2,560.00	\$20.00	\$640.00	\$80.00	\$2,560.00
23	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 15 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	27	\$80.00	\$2,160.00	\$20.00	\$540.00	\$94.00	\$2,538.00
24	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 16 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	27	\$80.00	\$2,160.00	\$20.00	\$540.00	\$94.00	\$2,538.00
25	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 17 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	27	\$80.00	\$2,160.00	\$20.00	\$540.00	\$94.00	\$2,538.00
26	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 18 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	34	\$80.00	\$2,720.00	\$20.00	\$680.00	\$75.00	\$2,550.00
27	INSTALLATION OF 1" SINGLE OR DOUBLE "SHORT SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 19 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00
28	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 19 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	31	\$80.00	\$2,480.00	\$20.00	\$620.00	\$82.00	\$2,542.00
29	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING SECTION 20 (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	59	\$60.00	\$3,540.00	\$20.00	\$1,180.00	\$44.00	\$2,596.00

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TABULATION DATE:
LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE GRAND CENTRAL PARK SECTION 33
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 JANUARY 18, 2024
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 JANUARY 18, 2024
 2274-0033B & 2274-0033C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL, LLC		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
30	INSTALLATION OF 1" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING GRAND VILLAGE BOULEVARD (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	37	\$80.00	\$2,960.00	\$20.00	\$740.00	\$69.00	\$2,553.00
31	INSTALLATION OF 2" SINGLE OR DOUBLE "LONG SIDE" WATER SERVICE CONNECTION TO SERVE EXISTING LAKEHOUSE AMENITY CENTER (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, & METER BOX, COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$18.00	\$9,000.00
32	"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, INCLUDES TRENCHLESS CONSTRUCTION AS NECESSARY UNDER EXISTING PAVEMENT, COMPLETE IN PLACE	LF	175	\$175.00	\$30,625.00	\$36.00	\$6,300.00	\$50.00	\$8,750.00
MISCELLANEOUS ITEMS (WS&D) SUBTOTAL:					\$138,736.20		\$91,160.00		\$85,956.00
PAVING AND APPURTENANCES ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	5440	\$57.00	\$310,080.00	\$57.00	\$310,080.00	\$92.00	\$500,480.00
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	935	\$4.25	\$3,973.75	\$5.00	\$4,675.00	\$5.00	\$4,675.00
3	4" X 12" MOUNTABLE REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2930	\$4.25	\$12,452.50	\$5.00	\$14,650.00	\$5.00	\$14,650.00
4	6" CEMENT STABILIZED SUBGRADE MANIPULATION, AT LEAST 40 LBS/SY, ONLY AS DIRECTED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	SY	6300	\$5.25	\$33,075.00	\$5.00	\$31,500.00	\$4.25	\$26,775.00
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	126	\$289.00	\$36,414.00	\$240.00	\$30,240.00	\$350.00	\$44,100.00
6	FINAL SITE GRADING, COMPLETE IN PLACE	LS	1	\$6,300.00	\$6,300.00	\$13,000.00	\$13,000.00	\$10,000.00	\$10,000.00
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	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$3,500.00	\$3,500.00
8	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	6	\$16.00	\$96.00	\$30.00	\$180.00	\$10.00	\$60.00
9	SAW CUT OF EXISTING 6" CONCRETE PAVEMENT AND CURB, FULL DEPTH, COMPLETE IN PLACE	LF	300	\$11.00	\$3,300.00	\$20.00	\$6,000.00	\$25.00	\$7,500.00
10	REMOVE AND OFFSITE DISPOSAL OF EXISTING 6" CONCRETE PAVEMENT AND SUBGRADE, AS SPECIFIED BY THE ENGINEER, COMPLETE IN PLACE	SY	57	\$21.00	\$1,197.00	\$45.00	\$2,565.00	\$10.00	\$570.00
11	TIE IN TO EXISTING PAVEMENT, INCLUDES DOWELING INTO EXISTING PAVEMENT, COMPLETE IN PLACE	LF	300	\$5.25	\$1,575.00	\$45.00	\$13,500.00	\$15.00	\$4,500.00
12	ROADWAY EMBANKMENT, INCLUDES PURCHASE, LOAD, HAUL, PLACEMENT AND COMPACTION AS ROADWAY FILL, TO BE PURCHASED AND HAULED IN FROM OFFSITE USING ON-ROAD TRUCKS, ROUND TRIP, INCLUDES ANY STRIPPING, DEWATERING, DEMUCKING NECESSARY TO PREPARE SITE FOR FILL PLACEMENT, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	12186	\$18.00	\$219,348.00	\$29.00	\$353,394.00	\$30.00	\$365,580.00

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 TO SERVE GRAND CENTRAL PARK SECTION 33
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 JANUARY 18, 2024
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 JANUARY 18, 2024
 2274-0033B & 2274-0033C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL, LLC		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13	ROADWAY EMBANKMENT, INCLUDES PURCHASE, LOAD, HAUL, PLACEMENT AND COMPACTION AS LOT FILL, TO BE PURCHASED AND HAULED IN FROM OFFSITE USING ON-ROAD TRUCKS, ROUND TRIP, INCLUDES ANY STRIPPING, DEWATERING, DEMUCKING NECESSARY TO PREPARE SITE FOR FILL PLACEMENT, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	71015	\$18.00	\$1,278,270.00	\$29.00	\$2,059,435.00	\$30.00	\$2,130,450.00
14	CONSTRUCT 6" CRUSHED LIMESTONE TEMPORARY TURN AROUND WITH 6" STABILIZED SUBGRADE, AS DIRECTED BY THE GEOTECHNICAL ENGINEER, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	922	\$33.00	\$30,426.00	\$35.00	\$32,270.00	\$27.00	\$24,894.00
PAVING AND APPURTENANCES ITEMS SUBTOTAL:					\$1,946,507.25		\$2,881,489.00		\$3,137,734.00
MISCELLANEOUS ITEMS (PAVING)									
1	CITY OF CONROE SUBDIVISION BOND, TO BE PROVIDED ON STANDARD CITY OF CONROE FORM (TOTAL BOND AMOUNT \$1,543,154.70), COMPLETE IN PLACE	LS	1	\$30,000.00	\$30,000.00	\$31,000.00	\$31,000.00	\$74,259.59	\$74,259.59
2	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, FOR PAVING, COMPLETE IN PLACE	LS	1	\$6,900.00	\$6,900.00	\$3,500.00	\$3,500.00	\$3,744.00	\$3,744.00
3	4" SCHEDULE 40 PVC IRRIGATION SLEEVES, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	50	\$32.00	\$1,600.00	\$55.00	\$2,750.00	\$30.00	\$1,500.00
4	6" SCHEDULE 40 PVC IRRIGATION SLEEVES, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	50	\$37.00	\$1,850.00	\$75.00	\$3,750.00	\$40.00	\$2,000.00
5	REMOVAL AND LEGAL DISPOSAL OF 120' X 25' EXISTING CULVERT BRIDGE OVER SILVERDALE CREEK (WATERS OF THE UNITED STATES), INCLUDES REMOVAL OF ANY CONCRETE, ASPHALT, GRAVEL, SUBGRADE, CULVERTS, RAILS, RAIL POSTS, AND ANY ADDITIONAL MISCELLANEOUS ITEMS, INCLUDES RESTORING THE BANKS OF THE CREEK TO THEIR NATURAL STATE, AS DIRECTED BY THE ENVIRONMENTAL ENGINEER, COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$60,000.00	\$60,000.00	\$50,000.00	\$50,000.00
MISCELLANEOUS ITEMS (PAVING) SUBTOTAL:					\$55,350.00		\$101,000.00		\$131,503.59
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	5670	\$4.25	\$24,097.50	\$5.00	\$28,350.00	\$4.00	\$22,680.00
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	31	\$363.00	\$11,253.00	\$350.00	\$10,850.00	\$330.00	\$10,230.00
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	113	\$147.00	\$16,611.00	\$150.00	\$16,950.00	\$130.00	\$14,690.00
ALTERNATE BID ITEMS SUBTOTAL:					\$51,961.50		\$56,150.00		\$47,600.00
BIDDING SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS					\$246,070.35		\$309,668.70		\$244,237.70
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$357,330.60		\$460,297.60		\$362,355.60
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$356,005.60		\$455,460.20		\$363,777.20
SUBTOTAL MISCELLANEOUS ITEMS (WS&D)					\$138,736.20		\$91,160.00		\$85,956.00
SUBTOTAL PAVING AND APPURTENANCES ITEMS					\$1,946,507.25		\$2,881,489.00		\$3,137,734.00

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TO SERVE GRAND CENTRAL PARK SECTION 33
CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
JANUARY 18, 2024
LJA ENGINEERING, INC.
P.CHATTERJEE
JANUARY 18, 2024
2274-0033B & 2274-0033C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) R CONSTRUCTION CIVIL, LLC		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SUBTOTAL MISCELLANEOUS ITEMS (PAVING)					\$55,350.00		\$101,000.00		\$131,503.59
TOTAL AMOUNT BASE BID					\$3,100,000.00		\$4,299,075.50		\$4,325,564.09
<u>ALTERNATE BID ITEMS</u>									
TOTAL AMOUNT BASE BID					\$3,100,000.00		\$4,299,075.50		\$4,325,564.09
DEDUCT PAVING AND APPURTENANCES ITEMS ITEM NO.4					-\$33,075.00		-\$31,500.00		-\$26,775.00
DEDUCT PAVING AND APPURTENANCES ITEMS ITEM NO.5					-\$36,414.00		-\$30,240.00		-\$44,100.00
SUBTOTAL ALTERNATE BID ITEMS					\$51,961.50		\$56,150.00		\$47,600.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$3,082,472.50		\$4,293,485.50		\$4,302,289.09