


BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE GRAND CENTRAL PARK SECTION 22
CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
NOVEMBER 17, 2020
LJA ENGINEERING, INC.
P.CHATTERJEE
NOVEMBER 17, 2020
2274-0022B&C (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEMS
1) R CONSTRUCTION CIVIL	\$544,569.90	\$542,149.90
2) CROSTEX CONSTRUCTION INC.	\$550,000.00	\$548,723.50
3) CE BARKER, LTD	\$571,175.83	\$571,416.88
4) PRECISE SERVICES INC.	\$596,539.50	\$594,698.60

CALENDAR DAYS 45/60


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



LJA Engineering, Inc.

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE GRAND CENTRAL PARK SEC
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 NOVEMBER 17, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 17, 2020
 2274-0022B&C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL		2) CROSTEX CONSTRUCTION INC.		3) CE BARKER, LTD	
				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	864	\$20.00	\$16,080.00	\$19.00	\$15,276.00	\$17.27	\$13,885.08
2	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2194	\$0.10	\$219.40	\$1.05	\$2,303.70	\$0.14	\$307.16
3	FLUSHING VALVE ASSEMBLY, ALL DEPTHS, INCLUDING APPROPRIATE TEE, 8" GATE VALVE & BOX, 8" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	2	\$4,500.00	\$9,000.00	\$3,850.00	\$7,700.00	\$4,924.51	\$9,849.02
4	INSTALLATION OF 1" SINGLE "SHORT SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, METER BOX, COMPLETE IN PLACE	EA	8	\$500.00	\$4,000.00	\$485.00	\$3,880.00	\$690.35	\$5,522.80
5	INSTALLATION OF 1" SINGLE "LONG SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, METER BOX, COMPLETE IN PLACE	LF	1390	\$21.00	\$29,190.00	\$17.00	\$23,630.00	\$25.31	\$35,180.90
6	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,100.00	\$2,200.00	\$965.00	\$1,930.00	\$1,118.64	\$2,237.28
7	DUCTILE IRON FITTINGS, COMPLETE IN PLACE	TON	0.6	\$2,000.00	\$1,200.00	\$2,300.00	\$1,380.00	\$0,763.06	\$5,857.84
8	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	2	\$900.00	\$1,800.00	\$800.00	\$1,200.00	\$395.20	\$790.40
9	8" PLUG & CLAMP, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$120.00	\$240.00	\$326.40	\$656.80
10	REMOVE AND DISPOSE EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE & BOX AND CONNECT TO PROPOSED WATER LINE, ALL SIZES, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$1,100.00	\$1,100.00	\$678.08	\$678.08
WATER SYSTEM ITEMS SUBTOTAL:						\$64,089.40		\$58,639.70	\$74,965.36
SANITARY SEWER ITEMS									
1	8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' DEPTH, COMPLETE IN PLACE	LF	158	\$28.00	\$4,424.00	\$22.25	\$3,515.50	\$21.70	\$3,428.60
2	8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 12" - 16" DEPTH, COMPLETE IN PLACE	LF	547	\$30.00	\$16,410.00	\$26.00	\$14,222.00	\$36.75	\$20,102.25
3	8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' DEPTH, COMPLETE IN PLACE	LF	183	\$55.00	\$10,065.00	\$35.50	\$6,496.50	\$53.49	\$9,788.67
4	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1237	\$0.10	\$123.70	\$1.10	\$1,360.70	\$0.14	\$173.18
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	800	\$25.00	\$20,000.00	\$25.00	\$20,000.00	\$25.00	\$20,000.00
6	STANDARD SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOR 6"-24" SANITARY SEWER PIPES FOLLOWING FINAL ADJUSTMENTS, (0' TO 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMMEK AT ALL JOINTS, COMPLETE IN PLACE	EA	2	\$3,200.00	\$6,400.00	\$3,908.00	\$7,800.00	\$2,623.27	\$5,246.54
7	STANDARD 5' DIAMETER SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOR 6" - 24" SANITARY SEWER PIPES FOLLOWING FINAL ADJUSTMENTS, (0' TO 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMMEK AT ALL JOINTS, COMPLETE IN PLACE	EA	6	\$5,500.00	\$33,000.00	\$6,000.00	\$36,000.00	\$4,216.04	\$25,308.24
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	29	\$350.00	\$10,150.00	\$550.00	\$15,950.00	\$277.51	\$8,047.79
9	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	8	\$1.00	\$8.00	\$100.00	\$800.00	\$0.01	\$0.08
10	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	\$18.00	\$1,800.00	\$32.00	\$3,200.00

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE GRAND CENTRAL PARK SEC'
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 NOVEMBER 17, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 17, 2020
 2274-0022B&C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL		2) CROSTEX CONSTRUCTION INC.		3) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	12	\$800.00	\$10,800.00	\$800.00	\$9,600.00	\$671.84	\$8,062.08
12	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241 SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	349	\$40.00	\$13,960.00	\$26.00	\$9,074.00	\$36.79	\$12,839.71
13	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE (0' - 2.0' DEPTH), COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$400.00	\$400.00	\$984.78	\$984.78
14	EXTRA DEPTH SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2' OF DEPTH), COMPLETE IN PLACE	VF	2.21	\$40.00	\$88.40	\$40.00	\$88.40	\$45.80	\$100.78
15	CLEAN OUT FOR SANITARY SEWER LEAD, SEE CITY OF CONROE DETAIL SWR-18, SHEET 24, COMPLETE IN PLACE	EA	18	\$400.00	\$7,200.00	\$425.00	\$7,650.00	\$731.56	\$13,168.08
16	REMOVE EXISTING 8" SANITARY PLUG AND CONNECT TO PROPOSED SANITARY MANHOLE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$1,150.00	\$1,150.00	\$471.96	\$471.96
17	ADDITIONAL COST FOR SANITARY SEWER BEDDING FOR UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	730	\$15.00	\$10,950.00	\$15.00	\$10,950.00	\$17.00	\$12,410.00
18	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$100.00	\$100.00	\$184.71	\$184.71
SANITARY SEWER ITEMS SUBTOTAL:					\$145,879.10		\$146,957.10		\$143,497.45
DRAINAGE FACILITIES ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III ALL DEPTHS, COMPLETE IN PLACE	LF	726	\$66.00	\$47,916.00	\$56.75	\$41,200.50	\$60.38	\$43,835.88
2	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	153	\$121.00	\$18,513.00	\$95.25	\$14,573.25	\$97.90	\$14,978.70
3	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	879	\$0.10	\$87.90	\$1.05	\$922.95	\$0.14	\$123.06
4	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	400	\$25.00	\$10,000.00	\$25.00	\$10,000.00	\$25.00	\$10,000.00
5	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 24"-72" STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$3,400.00	\$17,000.00	\$2,500.00	\$12,500.00	\$2,908.43	\$14,542.15
6	STAGE I STANDARD PRECAST INLET TYPE "C" (5), ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$2,000.00	\$16,000.00	\$2,200.00	\$17,600.00	\$1,313.66	\$10,509.28
7	STAGE II STANDARD PRECAST INLET TYPE "C" (5), ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$1,800.00	\$14,400.00	\$1,500.00	\$12,000.00	\$1,421.78	\$11,374.24
8	REMOVE AND DISPOSE OF EXISTING 36" BRICK PLUG AND CONNECT TO PROPOSED STORM SEWER, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$150.00	\$150.00	\$621.69	\$621.69
9	BRICK PLUG FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$150.00	\$150.00	\$216.24	\$216.24
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$125,116.90		\$109,096.70		\$106,201.24
MISCELLANEOUS ITEMS (WS&D)									
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	\$20.00	\$2,000.00	\$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

BID TABULATION FOR:

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

CONSTRUCTION OF WATER SANITARY SEWER DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE GRAND CENTRAL PARK SEC
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 NOVEMBER 17, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 17, 2020
 2274-0022B&C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL		2) CROSTEX CONSTRUCTION INC.		3) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	\$1.25	\$125.00	\$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	12	\$50.00	\$600.00	\$50.00	\$600.00	\$57.30	\$687.60
7	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR FOR WS&D, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00	\$5,967.14	\$5,967.14
8	6" CEMENT STABILIZED SUBGRADE, AT LEAST 40 LBS/SY OR AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	100	\$4.00	\$400.00	\$15.00	\$1,500.00	\$5.68	\$568.00
9	HAUL, SPREAD AND COMPACT (TO 95% STANDARD PROCTOR DENSITY) UTILITY SPOILS, AS ROADWAY EMBANKMENT, TO BE HAULED OFFSITE USING ON-ROAD TRUCKS, MAXIMUM HAUL DISTANCE NOT TO EXCEED 1.0 MILES, ROUND TRIP, INCLUDES ANY STRIPPING, DEWATERING, DEMUCKING, NECESSARY TO PREPARE SITE FOR FILL PLACEMENT, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	756	\$10.00	\$7,560.00	\$2.00	\$1,512.00	\$6.22	\$4,702.32
MISCELLANEOUS ITEMS (WS&D) SUBTOTAL:					\$16,385.00		\$12,812.00		\$14,825.06
PAVING AND APPURTENANCES ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	2328	\$45.00	\$104,760.00	\$52.45	\$122,103.60	\$48.80	\$113,808.40
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	676	\$3.50	\$2,368.00	\$4.30	\$2,906.80	\$3.93	\$2,658.88
3	4" X 12" MOUNTABLE REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	937	\$3.50	\$3,279.50	\$4.30	\$4,029.10	\$3.93	\$3,682.41
4	6" CEMENT STABILIZED SUBGRADE MANIPULATION, AT LEAST 40 LBS/SY, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	2507	\$4.00	\$10,028.00	\$4.30	\$10,780.10	\$6.19	\$15,518.33
5	CEMENT FOR SUBGRADE STABILIZATION (8% CEMENT BY WEIGHT, 40 LBS/SY, PER 6" DEPTH), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY ENGINEER, COMPLETE IN PLACE	TON	50	\$200.00	\$10,000.00	\$188.00	\$9,400.00	\$203.41	\$10,170.50
6	ROADWAY EXCAVATION, INCLUDES HAUL, PLACEMENT AND COMPACTION AS ON-SITE LOT FILL, INCLUDE ANY STRIPPING, DEWATERING, DEMUCKING NECESSARY TO PREPARE SITE FOR FILL PLACEMENT, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	3180	\$4.50	\$14,310.00	\$5.35	\$17,013.00	\$10.95	\$34,821.00
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	\$3,500.00	\$3,500.00	\$9,650.00	\$9,650.00	\$6,184.61	\$6,184.61
8	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	2	\$12.00	\$24.00	\$11.00	\$22.00	\$9.87	\$19.74
9	INSTALL STANDARD TYPE III BARRICADE, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00	\$973.22	\$1,946.44
10	FINAL SITE GRADING, COMPLETE IN PLACE	LS	1	\$8,000.00	\$8,000.00	\$4,815.00	\$4,815.00	\$6,487.34	\$6,487.34
11	TIE IN TO EXISTING PAVEMENT ON GRAYSON BIRCH LANE, INCLUDES DOWELING INTO EXISTING PAVEMENT, COMPLETE IN PLACE	LF	24	\$40.00	\$960.00	\$33.00	\$792.00	\$21.77	\$522.48
12	STANDARD PAVING HEADERS, COMPLETE IN PLACE	LF	48	\$20.00	\$960.00	\$22.00	\$1,056.00	\$21.77	\$1,044.96

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE GRAND CENTRAL PARK SEC'
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 NOVEMBER 17, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 17, 2020
 2274-0022B&C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL		2) CROSTEX CONSTRUCTION INC.		3) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13	CONSTRUCT 6" CRUSHED LIMESTONE TEMPORARY TURN AROUND WITH 6" STABILIZED SUBGRADE, AS DIRECTED BY THE GEOTECHNICAL ENGINEER, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	909	\$18.00	\$16,362.00	\$22.50	\$20,452.50	\$21.77	\$19,788.93
PAVING AND APPURTENANCES ITEMS SUBTOTAL:					\$176,549.50	\$206,020.10		\$216,449.82	
MISCELLANEOUS ITEMS (PAVING)									
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, FOR PAVING, COMPLETE IN PLACE	LS	1	\$4,500.00	\$4,500.00	\$2,355.00	\$2,355.00	\$1,948.30	\$1,948.30
2	4" SCHEDULE 40 PVC IRRIGATION SLEEVES, COMPLETE IN PLACE	LF	50	\$20.00	\$1,000.00	\$17.00	\$850.00	\$16.36	\$818.00
3	6" SCHEDULE 40 PVC IRRIGATION SLEEVES, COMPLETE IN PLACE	LF	50	\$25.00	\$1,250.00	\$19.00	\$950.00	\$21.77	\$1,086.50
4	CITY OF CONROE SUBDIVISION BOND, TO BE PROVIDED ON STANDARD CITY OF CONROE FORM, (TOTAL BOND AMOUNT \$501,000.00), COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$12,319.40	\$12,319.40	\$11,384.10	\$11,384.10
MISCELLANEOUS ITEMS (PAVING) SUBTOTAL:					\$16,760.00	\$16,474.40		\$15,236.90	
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	2502	\$4.00	\$10,008.00	\$4.30	\$10,758.60	\$6.19	\$15,487.38
2	LIME FOR SUBGRADE STABILIZATION (2% LIME BY WEIGHT, 10 LBS/SY, PER 6" DEPTH), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE ENGINEER, IN LIEU OF PAVING AND APPURTENANCES ITEM NO. 5, COMPLETE IN PLACE	TON	13	\$200.00	\$2,600.00	\$215.00	\$2,795.00	\$324.50	\$4,218.50
3	FLYASH FOR SUBGRADE STABILIZATION (8% FLYASH BY WEIGHT, 40 LBS/SY, PER 6" DEPTH), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE ENGINEER, IN LIEU OF PAVING AND APPURTENANCES ITEM NO. 5, COMPLETE IN PLACE	TON	50	\$100.00	\$5,000.00	\$107.00	\$5,350.00	\$124.48	\$6,224.00
ALTERNATE BID ITEMS SUBTOTAL:					\$17,608.00	\$18,903.60		\$25,929.88	
BIDDING SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS					\$64,089.40	\$58,839.70		\$74,965.36	
SUBTOTAL SANITARY SEWER ITEMS					\$145,679.10	\$146,957.10		\$143,497.45	
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$125,116.90	\$109,096.70		\$106,201.24	
SUBTOTAL MISCELLANEOUS ITEMS (WS&D)					\$16,385.00	\$12,812.00		\$14,825.06	
SUBTOTAL PAVING AND APPURTENANCES ITEMS					\$176,549.50	\$206,020.10		\$216,449.82	
SUBTOTAL MISCELLANEOUS ITEMS (PAVING)					\$16,750.00	\$16,474.40		\$15,236.90	
TOTAL AMOUNT BASE BID					\$544,569.90	\$550,000.00		\$571,175.83	
ALTERNATE BID ITEMS									
TOTAL AMOUNT BASE BID					\$544,569.90	\$550,000.00		\$571,175.83	
DEDUCT PAVING AND APPURTENANCES ITEMS ITEM NO.4					-\$10,028.00	-\$10,780.10		-\$15,518.33	
DEDUCT PAVING AND APPURTENANCES ITEMS ITEM NO.5					-\$10,000.00	-\$9,400.00		-\$10,170.50	
SUBTOTAL ALTERNATE BID ITEMS					\$17,608.00	\$18,903.60		\$25,929.88	
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$542,149.90	\$548,723.50		\$571,416.88	

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE GRAND CENTRAL PARK SECTION 22
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 NOVEMBER 17, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 17, 2020
 2274-0022B&C (9.2)

4) PRECISE SERVICES INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS					
1	8" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	804	\$30.00	\$24,120.00
2	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2194	\$0.10	\$219.40
3	FLUSHING VALVE ASSEMBLY, ALL DEPTHS, INCLUDING APPROPRIATE TEE, 8" GATE VALVE & BOX, 8" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	2	\$4,750.00	\$9,500.00
4	INSTALLATION OF 1" SINGLE "SHORT SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, METER BOX, COMPLETE IN PLACE	EA	8	\$600.00	\$4,800.00
5	INSTALLATION OF 1" SINGLE "LONG SIDE" WATER SERVICE CONNECTION (PER CITY OF CONROE STANDARD DETAILS), INCLUDING ALL FITTINGS, HARDWARE, METER BOX, COMPLETE IN PLACE	LF	1390	\$25.50	\$35,445.00
6	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,350.00	\$2,700.00
7	DUCTILE IRON FITTINGS, COMPLETE IN PLACE	TON	0.6	\$2,300.00	\$1,380.00
8	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	2	\$900.00	\$1,800.00
9	8" PLUG & CLAMP, COMPLETE IN PLACE	EA	2	\$300.00	\$600.00
10	REMOVE AND DISPOSE EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE & BOX AND CONNECT TO PROPOSED WATER LINE, ALL SIZES, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00
WATER SYSTEM ITEMS SUBTOTAL:					\$81,064.40
SANITARY SEWER ITEMS					
1	8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' DEPTH, COMPLETE IN PLACE	LF	158	\$34.00	\$5,372.00
2	8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 12' - 16' DEPTH, COMPLETE IN PLACE	LF	547	\$34.50	\$18,871.50
3	8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' DEPTH, COMPLETE IN PLACE	LF	183	\$40.00	\$7,320.00
4	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1237	\$0.10	\$123.70
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	800	\$25.00	\$20,000.00
6	STANDARD SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOR 6"-24" SANITARY SEWER PIPES FOLLOWING FINAL ADJUSTMENTS, (0' TO 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	2	\$5,700.00	\$11,400.00
7	STANDARD 5' DIAMETER SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOR 6" - 24" SANITARY SEWER PIPES FOLLOWING FINAL ADJUSTMENTS, (0' TO 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	6	\$9,000.00	\$54,000.00
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	29	\$550.00	\$15,950.00
9	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	8	\$350.00	\$2,800.00
10	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

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE GRAND CENTRAL PARK SECTION 22
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 NOVEMBER 17, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 17, 2020
 2274-0022B&C (9.2)

4) PRECISE SERVICES INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
11	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	12	\$1,200.00	\$14,400.00
12	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, DROP AND RISER, STACK, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	349	\$35.00	\$12,215.00
13	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE (0' - 2.0' DEPTH), COMPLETE IN PLACE	EA	1	\$680.00	\$680.00
14	EXTRA DEPTH SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2' OF DEPTH), COMPLETE IN PLACE	VF	2.21	\$10.00	\$22.10
15	CLEAN OUT FOR SANITARY SEWER LEAD, SEE CITY OF CONROE DETAIL SWR-18, SHEET 24, COMPLETE IN PLACE	EA	18	\$550.00	\$9,900.00
16	REMOVE EXISTING 8" SANITARY PLUG AND CONNECT TO PROPOSED SANITARY MANHOLE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00
17	ADDITIONAL COST FOR SANITARY SEWER BEDDING FOR UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	730	\$15.00	\$10,950.00
18	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00
SANITARY SEWER ITEMS SUBTOTAL:					\$185,754.30
DRAINAGE FACILITIES ITEMS					
1	24" RCP STORM SEWER, ASTM C-76, CLASS III ALL DEPTHS, COMPLETE IN PLACE	LF	728	\$78.00	\$56,828.00
2	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	153	\$120.00	\$18,360.00
3	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	879	\$0.10	\$87.90
4	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	400	\$25.00	\$10,000.00
5	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 24"-72" STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$4,000.00	\$20,000.00
6	STAGE I STANDARD PRECAST INLET TYPE "C" (5), ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$2,850.00	\$21,200.00
7	STAGE II STANDARD PRECAST INLET TYPE "C" (5), ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$2,250.00	\$18,000.00
8	REMOVE AND DISPOSE OF EXISTING 36" BRICK PLUG AND CONNECT TO PROPOSED STORM SEWER, COMPLETE IN PLACE	EA	1	\$290.00	\$290.00
9	BRICK PLUG FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$235.00	\$235.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$144,800.90
MISCELLANEOUS ITEMS (W&D)					
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
2	STANDARD DEDUCT FOR DAMAGE TO AREAS MARKED FOR PRESERVATION, COMPLETE IN PLACE	AC	0	-\$1,000.00	\$0.00

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE GRAND CENTRAL PARK SECTION 22
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 NOVEMBER 17, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 17, 2020
 2274-0022B&C (9.2)

4) PRECISE SERVICES INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
3	REMOVE AND DISPOSE OF EXISTING TREE UP TO 18" DIAMETER, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$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
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
6	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO. 4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	12	\$100.00	\$1,200.00
7	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR FOR WS&D, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00
8	6" CEMENT STABILIZED SUBGRADE, AT LEAST 40 LBS/SY OR AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	100	\$6.00	\$600.00
9	HAUL, SPREAD AND COMPACT (TO 95% STANDARD PROCTOR DENSITY) UTILITY SPOILS, AS ROADWAY EMBANKMENT, TO BE HAULED OFFSITE USING ON-ROAD TRUCKS, MAXIMUM HAUL DISTANCE NOT TO EXCEED 1.0 MILES, ROUND TRIP, INCLUDES ANY STRIPPING, DEWATERING, DEMUCKING, NECESSARY TO PREPARE SITE FOR FILL PLACEMENT, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	756	\$5.50	\$4,158.00

MISCELLANEOUS ITEMS (WS&D) SUBTOTAL:

\$11,358.00

PAVING AND APPURTENANCES ITEMS

1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	2328	\$38.50	\$89,628.00
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	876	\$3.50	\$2,368.00
3	4" X 12" MOUNTABLE REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	937	\$3.50	\$3,279.50
4	6" CEMENT STABILIZED SUBGRADE MANIPULATION, AT LEAST 40 LBS/SY, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	2507	\$2.20	\$5,515.40
5	CEMENT FOR SUBGRADE STABILIZATION (8% CEMENT BY WEIGHT, 40 LBS/SY, PER 6" DEPTH), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY ENGINEER, COMPLETE IN PLACE	TON	50	\$200.00	\$10,000.00
6	ROADWAY EXCAVATION, INCLUDES HAUL, PLACEMENT AND COMPACTION AS ONSITE LOT FILL, INCLUDE ANY STRIPPING, DEWATERING, DEMUCKING NECESSARY TO PREPARE SITE FOR FILL PLACEMENT, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	3180	\$3.50	\$11,130.00
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	\$2,000.00	\$2,000.00
8	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	2	\$15.00	\$30.00
9	INSTALL STANDARD TYPE III BARRICADE, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00
10	FINAL SITE GRADING, COMPLETE IN PLACE	LS	1	\$4,500.00	\$4,500.00
11	TIE IN TO EXISTING PAVEMENT ON GRAYSON BIRCH LANE, INCLUDES DOWELING INTO EXISTING PAVEMENT, COMPLETE IN PLACE	LF	24	\$25.00	\$600.00
12	STANDARD PAVING HEADERS, COMPLETE IN PLACE	LF	48	\$15.00	\$720.00

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE GRAND CENTRAL PARK SECTION 22
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 NOVEMBER 17, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 17, 2020
 2274-0022B&C (9.2)

4) PRECISE SERVICES INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
13	CONSTRUCT 6" CRUSHED LIMESTONE TEMPORARY TURN AROUND WITH 6" STABILIZED SUBGRADE, AS DIRECTED BY THE GEOTECHNICAL ENGINEER, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	909	\$27.00	\$24,543.00
PAVING AND APPURTENANCES ITEMS SUBTOTAL:					\$156,311.90
MISCELLANEOUS ITEMS (PAVING)					
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, FOR PAVING, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00
2	4" SCHEDULE 40 PVC IRRIGATION SLEEVES, COMPLETE IN PLACE	LF	50	\$15.00	\$750.00
3	6" SCHEDULE 40 PVC IRRIGATION SLEEVES, COMPLETE IN PLACE	LF	50	\$20.00	\$1,000.00
4	CITY OF CONROE SUBDIVISION BOND, TO BE PROVIDED ON STANDARD CITY OF CONROE FORM, (TOTAL BOND AMOUNT \$501,900.00), COMPLETE IN PLACE	LS	1	\$13,000.00	\$13,000.00
MISCELLANEOUS ITEMS (PAVING) SUBTOTAL:					\$17,260.00
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	2502	\$2.25	\$5,629.50
2	LIME FOR SUBGRADE STABILIZATION (2% LIME BY WEIGHT, 10 LBS/SY, PER 6" DEPTH), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE ENGINEER, IN LIEU OF PAVING AND APPURTENANCES ITEM NO. 5, COMPLETE IN PLACE	TON	13	\$215.00	\$2,795.00
3	FLYASH FOR SUBGRADE STABILIZATION (8% FLYASH BY WEIGHT, 40 LBS/SY, PER 6" DEPTH), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE ENGINEER, IN LIEU OF PAVING AND APPURTENANCES ITEM NO. 5, COMPLETE IN PLACE	TON	50	\$105.00	\$5,250.00
ALTERNATE BID ITEMS SUBTOTAL:					\$13,674.50
BIDDING SUMMARY					
SUBTOTAL WATER SYSTEM ITEMS					\$81,064.40
SUBTOTAL SANITARY SEWER ITEMS					\$185,754.30
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$144,800.90
SUBTOTAL MISCELLANEOUS ITEMS (WS&D)					\$11,358.00
SUBTOTAL PAVING AND APPURTENANCES ITEMS					\$156,311.90
SUBTOTAL MISCELLANEOUS ITEMS (PAVING)					\$17,250.00
TOTAL AMOUNT BASE BID					\$596,639.50
ALTERNATE BID ITEMS					
TOTAL AMOUNT BASE BID					\$596,639.50
DEDUCT PAVING AND APPURTENANCES ITEMS ITEM NO.4					-\$5,515.40
DEDUCT PAVING AND APPURTENANCES ITEMS ITEM NO.5					-\$10,000.00
SUBTOTAL ALTERNATE BID ITEMS					\$13,674.50
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$594,698.60

