

BID TABULATION FOR:

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

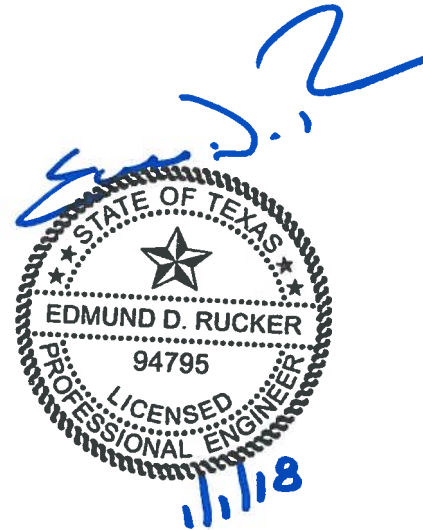
CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
TO SERVE GRAND CENTRAL PARK SECTION 12
CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
DECEMBER 21, 2017
LJA ENGINEERING, INC.
P.CHATTERJEE
DECEMBER 21, 2017
2274-0012E (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT
1) CROSTEX CONSTRUCTION, INC.	\$991,000.00
2) R CONST. CIVIL, LLC DBA R CONST. CO.	\$1,033,847.00
3) BAY UTILITIES, LLC	\$1,134,528.00
4) KENNETH LAMB CONSTRUCTION CO., LTD.	\$1,172,639.00

CALENDAR DAYS - 45/60



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



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 TO SERVE GRAND CENTRAL PARK SECTION 12
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 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
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 LJA ENGINEERING, INC.
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ITEM DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) R CONST. CIVIL, LLC DBA R CONST. CO.		3) BAY UTILITIES, LLC		
			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	2190	\$16.80	\$36,792.00	\$14.00	\$30,660.00	\$15.00	\$32,850.00	
2. 4" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	905	\$11.45	\$10,362.25	\$8.00	\$7,240.00	\$8.00	\$7,240.00	
3. 8" P.V.C. WATER LINE WITH RESTRAINED JOINTS, C-900, DR-14, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	180	\$36.50	\$6,570.00	\$35.00	\$6,300.00	\$47.00	\$8,460.00	
4. 4" P.V.C. WATER LINE WITH RESTRAINED JOINTS, C-900, DR-14, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	25	\$18.00	\$450.00	\$30.00	\$750.00	\$34.00	\$850.00	
5. 6" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	590	\$13.55	\$7,994.50	\$10.00	\$5,900.00	\$11.00	\$6,490.00	
6. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3970	\$0.05	\$198.50	\$0.10	\$397.00	\$1.00	\$3,970.00	
7. FLUSHING VALVE ASSEMBLY, ALL DEPTHS, INCLUDING APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	8	\$4,205.00	\$33,640.00	\$4,700.00	\$37,600.00	\$3,700.00	\$29,600.00	
8. INSTALLATION OF DOUBLE OR 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	29	\$410.00	\$11,890.00	\$500.00	\$14,500.00	\$550.00	\$15,950.00	
9. INSTALLATION OF DOUBLE OR 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	1020	\$15.00	\$15,300.00	\$12.00	\$12,240.00	\$18.00	\$18,360.00	
10. 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	3	\$100.00	\$300.00	\$400.00	\$1,200.00	\$220.00	\$660.00	
11. CAST IRON FITTINGS, COMPLETE IN PLACE	TON	2.25	\$6,250.00	\$14,062.50	\$6,500.00	\$14,625.00	\$4,900.00	\$11,025.00	
12. 4" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	3	\$580.00	\$1,740.00	\$600.00	\$1,800.00	\$550.00	\$1,650.00	
13. 6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$707.00	\$707.00	\$800.00	\$800.00	\$700.00	\$700.00	
14. 8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	8	\$1,040.00	\$8,320.00	\$1,100.00	\$8,800.00	\$1,000.00	\$8,000.00	
15. AIR RELEASE VALVE WITH SERVICE MANHOLE (SEE DETAIL SHEET 25 OF CONSTRUCTION PLANS), COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00	\$5,400.00	\$5,400.00	
SUBTOTAL WATER SYSTEM ITEMS				\$151,826.75		\$147,812.00		\$151,205.00	
SANITARY SEWER ITEMS									
1. 8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, CLASS 235, 8' - 12' DEPTH, COMPLETE IN PLACE	LF	415	\$21.75	\$9,026.25	\$21.00	\$8,715.00	\$30.00	\$12,450.00	
2. 8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, CLASS 235, DEPTH 12'-16', COMPLETE IN PLACE	LF	1305	\$25.50	\$33,277.50	\$22.00	\$28,710.00	\$35.00	\$45,675.00	
3. 8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, CLASS 235, DEPTH 16'-20', COMPLETE IN PLACE	LF	280	\$32.75	\$9,170.00	\$32.00	\$8,960.00	\$39.00	\$10,920.00	
4. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2000	\$0.10	\$200.00	\$0.10	\$200.00	\$1.00	\$2,000.00	
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	\$25.00	\$25,000.00	

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 TO SERVE GRAND CENTRAL PARK SECTION 12
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 DECEMBER 21, 2017
 LJA ENGINEERING, INC.
 P.CHATTERJEE
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 2274-0012E (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) R CONST. CIVIL, LLC DBA R CONST. CO.		3) BAY UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	STANDARD 5' DIAMETER SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOR 6" - 24" SANITARY SEWER PIPES, (8' - 12' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	21	\$4,400.00	\$92,400.00	\$3,500.00	\$73,500.00	\$4,500.00	\$94,500.00
7.	EXTRA DEPTH OF SANITARY SEWER MANHOLES WITH CITY OF CONROE APPROVED EPOXY COATING, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	60	\$440.00	\$26,400.00	\$260.00	\$15,600.00	\$280.00	\$16,800.00
8.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	21	\$100.00	\$2,100.00	\$50.00	\$1,050.00	\$150.00	\$3,150.00
9.	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	\$30.00	\$3,000.00
10.	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	12	\$710.00	\$8,520.00	\$550.00	\$6,600.00	\$740.00	\$8,880.00
11.	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE (0'-2.5' DEPTH), COMPLETE IN PLACE	EA	1	\$450.00	\$450.00	\$600.00	\$600.00	\$560.00	\$560.00
12.	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	890	\$26.50	\$23,585.00	\$32.00	\$28,480.00	\$32.00	\$28,480.00
13.	CORE INTO CITY OF CONROE FIBER GLASS MANHOLE AND CONNECT SANITARY SEWER, (SEE DETAILS SHEET 9), COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$1,600.00	\$1,600.00	\$1,400.00	\$1,400.00
14.	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2' OF DEPTHS), COMPLETE IN PLACE	VF	4	\$45.00	\$180.00	\$30.00	\$120.00	\$28.00	\$112.00
SUBTOTAL SANITARY SEWER ITEMS					\$234,008.75		\$200,335.00		\$252,927.00
DRAINAGE FACILITIES ITEMS									
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	740	\$51.75	\$38,295.00	\$52.00	\$38,480.00	\$52.00	\$38,480.00
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	220	\$65.75	\$14,465.00	\$70.00	\$15,400.00	\$69.00	\$15,180.00
3.	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	815	\$113.50	\$92,502.50	\$120.00	\$97,800.00	\$127.00	\$103,505.00
4.	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	190	\$136.75	\$25,982.50	\$140.00	\$26,600.00	\$157.00	\$29,830.00
5.	54" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	190	\$181.00	\$34,390.00	\$192.00	\$36,480.00	\$206.00	\$39,140.00
6.	60" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	425	\$204.00	\$86,700.00	\$275.00	\$116,875.00	\$242.00	\$102,850.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2580	\$0.05	\$129.00	\$0.10	\$258.00	\$1.00	\$2,580.00
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	1290	\$25.00	\$32,250.00	\$25.00	\$32,250.00	\$25.00	\$32,250.00
9.	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	16	\$2,300.00	\$36,800.00	\$3,300.00	\$52,800.00	\$4,500.00	\$72,000.00
10.	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 42" - 72" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$5,100.00	\$35,700.00	\$6,200.00	\$43,400.00	\$8,100.00	\$56,700.00
11.	STORM SEWER OUTFALL STRUCTURE, INCLUDING 4:1 CAST IN PLACE SLOPED PAVING FOR 48" PIPE, SLOPE PAVING AND RIP-RAP, COMPLETE IN PLACE	EA	1	\$12,500.00	\$12,500.00	\$10,000.00	\$10,000.00	\$14,500.00	\$14,500.00

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 DECEMBER 21, 2017
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 P.CHATTERJEE
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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) R CONST. CIVIL, LLC DBA R CONST. CO.		3) BAY UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12.	STORM SEWER OUTFALL STRUCTURE, INCLUDING 4:1 CAST IN PLACE SLOPED PAVING FOR 60" PIPE, SLOPE PAVING AND RIP-RAP, COMPLETE IN PLACE	EA	1	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$16,000.00	\$16,000.00
13.	DRAINAGE SWALES AND CHANNELS TO CONSTRUCTED IN ACCORDANCE WITH CROSS SECTIONS ON SHEET 10, INCLUDING HAUL, SPREAD AND COMPACTION (TO 95% STANDARD PROCTOR DENSITY) OF SPOILS TO FILL EXISTING SWALE, COMPLETE IN PLACE	CY	660	\$6.00	\$3,960.00	\$12.00	\$7,920.00	\$9.00	\$5,940.00
14.	STAGE I STANDARD PRECAST INLET TYPE "C-1" (10 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,500.00	\$5,000.00	\$1,800.00	\$3,600.00	\$1,600.00	\$3,200.00
15.	STAGE II STANDARD PRECAST INLET TYPE "C-1" (10 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$1,600.00	\$3,200.00	\$2,100.00	\$4,200.00
16.	STAGE I STANDARD PRECAST INLET TYPE "C" (5 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$2,000.00	\$30,000.00	\$1,600.00	\$24,000.00	\$1,500.00	\$22,500.00
17.	STAGE II STANDARD PRECAST INLET TYPE "C" (5 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$500.00	\$7,500.00	\$1,800.00	\$27,000.00	\$1,600.00	\$24,000.00
18.	HAUL, SPREAD AND COMPACT (TO 95% STANDARD PROCTOR DENSITY) UTILITY SPOILS TO FILL EXISTING SWALE, COMPLETE IN PLACE	CY	3,620	\$1.50	\$5,430.00	\$2.00	\$7,240.00	\$2.00	\$7,240.00
19.	USE EXISTING STOCKPILE LOCATED ALONG THE EDGE OF THE EXISTING SWALE TO FILL THE EXISTING SWALE, SPREAD AND COMPACT (TO 95% PROCTOR DENSITY), INCLUDES DEMUCKING OF ENTIRE EXISTING SWALE, COMPLETE IN PLACE	CY	2500	\$2.50	\$6,250.00	\$4.00	\$10,000.00	\$3.00	\$7,500.00
20.	RIP-RAP (18" THICKNESS) GRADATION NO. 1, INCLUDING GEOTEXTILE FABRIC ("MIRAFI 6000" OR APPROVED EQUAL), COMPLETE IN PLACE	SY	145	\$65.00	\$9,425.00	\$70.00	\$10,150.00	\$64.00	\$9,280.00
21.	BRICK PLUG FOR 30" STORM SEWER, COMPLETE IN PLACE	EA	1	\$125.00	\$125.00	\$500.00	\$500.00	\$620.00	\$620.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$493,404.00	\$578,953.00	\$607,495.00		
CLEARING AND GRUBBING ITEMS									
1.	CLEARING AND GRUBBING OF ROAD RIGHT-OF-WAY, COMPLETE IN PLACE	AC	3.8	\$5,950.00	\$22,610.00	\$2,900.00	\$11,020.00	\$2,100.00	\$7,980.00
2.	CHIPPING AND HAULING OFFSITE OF CLEARED ROAD RIGHT-OF-WAY MATERIAL, COMPLETE IN PLACE	AC	3.8	\$50.00	\$190.00	\$3,800.00	\$14,440.00	\$4,000.00	\$15,200.00
3.	CLEARING AND GRUBBING OF PUBLIC UTILITY EASEMENTS, COMPLETE IN PLACE	AC	1.15	\$5,950.00	\$6,842.50	\$2,900.00	\$3,335.00	\$2,100.00	\$2,415.00
4.	CHIPPING AND HAULING OFFSITE OF CLEARED PUBLIC UTILITY EASEMENTS MATERIAL, COMPLETE IN PLACE	AC	1.15	\$50.00	\$57.50	\$3,800.00	\$4,370.00	\$4,000.00	\$4,600.00
5.	CLEARING AND GRUBBING OF PRIVATE UTILITY EASEMENTS, COMPLETE IN PLACE	AC	1.06	\$5,950.00	\$6,307.00	\$2,900.00	\$3,074.00	\$2,100.00	\$2,226.00
6.	CHIPPING AND HAULING OFFSITE OF CLEARED ADDITIONAL UTILITY EASEMENTS MATERIAL, COMPLETE IN PLACE	AC	1.06	\$50.00	\$53.00	\$3,800.00	\$4,028.00	\$4,000.00	\$4,240.00
7.	CLEARING AND GRUBBING FOR LOT GRADING, COMPLETE IN PLACE	AC	2.2	\$5,950.00	\$13,090.00	\$2,900.00	\$6,380.00	\$2,100.00	\$4,620.00
8.	CHIPPING AND HAULING OFFSITE OF CLEARED LOT GRADING, COMPLETE IN PLACE	AC	2.2	\$50.00	\$110.00	\$3,800.00	\$8,360.00	\$4,000.00	\$8,800.00
9.	CLEARING AND GRUBBING FOR STOCKPILE, COMPLETE IN PLACE	AC	1.7	\$5,950.00	\$10,115.00	\$2,900.00	\$4,930.00	\$2,100.00	\$3,570.00
10.	CHIPPING AND HAULING OFFSITE FOR STOCKPILE, COMPLETE IN PLACE	AC	1.7	\$50.00	\$85.00	\$3,800.00	\$6,460.00	\$4,000.00	\$6,800.00

*MATHEMATICAL ERROR

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11.	ADDITIONAL CLEARING, 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	\$6,000.00	\$3,000.00	\$7,000.00	\$3,500.00	\$6,100.00	\$3,050.00
SUBTOTAL CLEARING AND GRUBBING ITEMS					\$62,460.00		\$69,897.00		\$63,501.00
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	\$12.00	\$1,200.00	\$30.00	\$3,000.00
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	(\$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	\$2.50	\$250.00
6.	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO. 4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	19	\$50.00	\$950.00	\$50.00	\$950.00	\$50.00	\$950.00
7.	CITY OF CONROE SUBDIVISION BOND (TOTAL BOND AMOUNT \$1,499,625), COMPLETE IN PLACE	LS	1	\$27,000.00	\$27,000.00	\$1,500.00	\$1,500.00	\$30,000.00	\$30,000.00
8.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR FOR WS&D, COMPLETE IN PLACE	LS	1	\$9,450.50	\$9,450.50	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00
9.	6" CEMENT STABILIZED SUBGRADE, AT LEAST 30 LBS/SY OR AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	100	\$25.00	\$2,500.00	\$30.00	\$3,000.00	\$12.00	\$1,200.00
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	\$2,000.00	\$2,000.00
11.	REMOVE AND LEGALLY DISPOSE OFFSITE ALL EXISTING RIP-RAP, OUTFALL STRUCTURES, ROCKFILTER DAMS AND 47 LF OF 42" R.C.P. STORM SEWER FROM SECTION 7 OUTFALL AND OUTFALL SWALE, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$8,500.00	\$8,500.00
SUBTOTAL MISCELLANEOUS ITEMS					\$49,300.50		\$36,850.00		\$59,400.00
BID SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS					\$151,826.75		\$147,812.00		\$151,205.00
SUBTOTAL SANITARY SEWER ITEMS					\$234,008.75		\$200,335.00		\$252,927.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$493,404.00		\$578,953.00		\$607,495.00
SUBTOTAL CLEARING AND GRUBBING ITEMS					\$62,460.00		\$69,897.00		\$63,501.00
SUBTOTAL MISCELLANEOUS ITEMS					\$49,300.50		\$36,850.00		\$59,400.00
TOTAL AMOUNT BID					\$991,000.00		\$1,033,847.00		\$1,134,528.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
 TO SERVE GRAND CENTRAL PARK SECTION 12
 CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 DECEMBER 21, 2017
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 DECEMBER 21, 2017
 2274-0012E (9.2)

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

4) KENNETH LAMB CONSTRUCTION CO., LTD.

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	2190	\$19.30	\$42,267.00
2.	4" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	905	\$12.20	\$11,041.00
3.	8" P.V.C. WATER LINE WITH RESTRAINED JOINTS, C-900, DR-14, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	180	\$36.00	\$6,480.00
4.	4" P.V.C. WATER LINE WITH RESTRAINED JOINTS, C-900, DR-14, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	25	\$18.40	\$460.00
5.	6" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	590	\$15.50	\$9,145.00
6.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3970	\$2.00	\$7,940.00
7.	FLUSHING VALVE ASSEMBLY, ALL DEPTHS, INCLUDING APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	8	\$4,330.00	\$34,640.00
8.	INSTALLATION OF DOUBLE OR 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	29	\$775.00	\$22,475.00
9.	INSTALLATION OF DOUBLE OR 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	1020	\$30.00	\$30,600.00
10.	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	3	\$250.00	\$750.00
11.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	2.25	\$5,000.00	\$11,250.00
12.	4" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	3	\$900.00	\$2,700.00
13.	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$1,045.00	\$1,045.00
14.	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	8	\$1,450.00	\$11,600.00
15.	AIR RELEASE VALVE WITH SERVICE MANHOLE (SEE DETAIL SHEET 25 OF CONSTRUCTION PLANS), COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00
SUBTOTAL WATER SYSTEM ITEMS					\$194,893.00
SANITARY SEWER ITEMS					
1.	8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, CLASS 235, 8' - 12' DEPTH, COMPLETE IN PLACE	LF	415	\$25.00	\$10,375.00
2.	8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, CLASS 235, DEPTH 12'-16', COMPLETE IN PLACE	LF	1305	\$29.00	\$37,845.00
3.	8" PVC SANITARY SEWER PIPE, ASTM D-2241, SDR 26, CLASS 235, DEPTH 16'-20', COMPLETE IN PLACE	LF	280	\$40.00	\$11,200.00
4.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2000	\$1.00	\$2,000.00
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

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
6.	STANDARD 5' DIAMETER SANITARY SEWER MANHOLE WITH CITY OF CONROE APPROVED EPOXY COATING FOR 6" - 24" SANITARY SEWER PIPES, (8' - 12' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	21	\$4,500.00	\$94,500.00
7.	EXTRA DEPTH OF SANITARY SEWER MANHOLES WITH CITY OF CONROE APPROVED EPOXY COATING, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	60	\$350.00	\$21,000.00
8.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	21	\$150.00	\$3,150.00
9.	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
10.	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	12	\$800.00	\$9,600.00
11.	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE (0'-2.5' DEPTH), COMPLETE IN PLACE	EA	1	\$900.00	\$900.00
12.	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	890	\$35.00	\$31,150.00
13.	CORE INTO CITY OF CONROE FIBER GLASS MANHOLE AND CONNECT SANITARY SEWER, (SEE DETAILS SHEET 9), COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00
14.	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2' OF DEPTHS), COMPLETE IN PLACE	VF	4	\$100.00	\$400.00

SUBTOTAL SANITARY SEWER ITEMS

\$249,320.00

DRAINAGE FACILITIES ITEMS

1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	740	\$57.00	\$42,180.00
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	220	\$80.00	\$17,600.00
3.	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	815	\$135.00	\$110,025.00
4.	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	190	\$160.00	\$30,400.00
5.	54" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	190	\$210.00	\$39,900.00
6.	60" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	425	\$245.00	\$104,125.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2580	\$1.00	\$2,580.00
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	1290	\$25.00	\$32,250.00
9.	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	16	\$2,700.00	\$43,200.00
10.	STANDARD TYPE "C" STORM SEWER MANHOLE FOR 42" - 72" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$7,000.00	\$49,000.00
11.	STORM SEWER OUTFALL STRUCTURE, INCLUDING 4:1 CAST IN PLACE SLOPED PAVING FOR 48" PIPE, SLOPE PAVING AND RIP-RAP, COMPLETE IN PLACE	EA	1	\$8,000.00	\$8,000.00

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
12.	STORM SEWER OUTFALL STRUCTURE, INCLUDING 4:1 CAST IN PLACE SLOPED PAVING FOR 60" PIPE, SLOPE PAVING AND RIP-RAP, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00
13.	DRAINAGE SWALES AND CHANNELS TO CONSTRUCTED IN ACCORDANCE WITH CROSS SECTIONS ON SHEET 10, INCLUDING HAUL, SPREAD AND COMPACTION (TO 95% STANDARD PROCTOR DENSITY) OF SPOILS TO FILL EXISTING SWALE, COMPLETE IN PLACE	CY	660	\$10.00	\$6,600.00
14.	STAGE I STANDARD PRECAST INLET TYPE "C-1" (10 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00
15.	STAGE II STANDARD PRECAST INLET TYPE "C-1" (10 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00
16.	STAGE I STANDARD PRECAST INLET TYPE "C" (5 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$1,250.00	\$18,750.00
17.	STAGE II STANDARD PRECAST INLET TYPE "C" (5 FOOT), ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$4,000.00	\$60,000.00
18.	HAUL, SPREAD AND COMPACT (TO 95% STANDARD PROCTOR DENSITY) UTILITY SPOILS TO FILL EXISTING SWALE, COMPLETE IN PLACE	CY	3,620	\$8.00	\$28,960.00
19.	USE EXISTING STOCKPILE LOCATED ALONG THE EDGE OF THE EXISTING SWALE TO FILL THE EXISTING SWALE, SPREAD AND COMPACT (TO 95% PROCTOR DENSITY), INCLUDES DEMUCKING OF ENTIRE EXISTING SWALE, COMPLETE IN PLACE	CY	2500	\$10.00	\$25,000.00
20.	RIP-RAP (18" THICKNESS) GRADATION NO. 1, INCLUDING GEOTEXTILE FABRIC ("MIRAFI 6000" OR APPROVED EQUAL), COMPLETE IN PLACE	SY	145	\$70.00	\$10,150.00
21.	BRICK PLUG FOR 30" STORM SEWER, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00

SUBTOTAL DRAINAGE FACILITIES ITEMS

\$644,920.00

CLEARING AND GRUBBING ITEMS

1.	CLEARING AND GRUBBING OF ROAD RIGHT-OF-WAY, COMPLETE IN PLACE	AC	3.8	\$5,600.00	\$21,280.00
2.	CHIPPING AND HAULING OFFSITE OF CLEARED ROAD RIGHT-OF-WAY MATERIAL, COMPLETE IN PLACE	AC	3.8	\$1,000.00	\$3,800.00
3.	CLEARING AND GRUBBING OF PUBLIC UTILITY EASEMENTS, COMPLETE IN PLACE	AC	1.15	\$5,600.00	\$6,440.00
4.	CHIPPING AND HAULING OFFSITE OF CLEARED PUBLIC UTILITY EASEMENTS MATERIAL, COMPLETE IN PLACE	AC	1.15	\$1,000.00	\$1,150.00
5.	CLEARING AND GRUBBING OF PRIVATE UTILITY EASEMENTS, COMPLETE IN PLACE	AC	1.06	\$5,600.00	\$5,936.00
6.	CHIPPING AND HAULING OFFSITE OF CLEARED ADDITIONAL UTILITY EASEMENTS MATERIAL, COMPLETE IN PLACE	AC	1.06	\$1,000.00	\$1,060.00
7.	CLEARING AND GRUBBING FOR LOT GRADING, COMPLETE IN PLACE	AC	2.2	\$5,600.00	\$12,320.00
8.	CHIPPING AND HAULING OFFSITE OF CLEARED LOT GRADING, COMPLETE IN PLACE	AC	2.2	\$1,000.00	\$2,200.00
9.	CLEARING AND GRUBBING FOR STOCKPILE, COMPLETE IN PLACE	AC	1.7	\$5,600.00	\$9,520.00
10.	CHIPPING AND HAULING OFFSITE FOR STOCKPILE, COMPLETE IN PLACE	AC	1.7	\$1,000.00	\$1,700.00

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
11.	ADDITIONAL CLEARING, 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	\$6,000.00	\$3,000.00
SUBTOTAL CLEARING AND GRUBBING ITEMS					\$68,406.00
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
2.	STANDARD DEDUCT FOR DAMAGE TO AREAS MARKED FOR PRESERVATION, COMPLETE IN PLACE	AC	0	(\$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
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	\$3.00	\$300.00
6.	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO. 4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	19	\$100.00	\$1,900.00
7.	CITY OF CONROE SUBDIVISION BOND (TOTAL BOND AMOUNT \$1,499,625), COMPLETE IN PLACE	LS	1	\$1,700.00	\$1,700.00
8.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR FOR WS&D, COMPLETE IN PLACE	LS	1	\$0.00	\$0.00
9.	6" CEMENT STABILIZED SUBGRADE, AT LEAST 30 LBS/SY OR AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	100	\$15.00	\$1,500.00
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	\$2,000.00	\$2,000.00
11.	REMOVE AND LEGALLY DISPOSE OFFSITE ALL EXISTING RIP-RAP, OUTFALL STRUCTURES, ROCKFILTER DAMS AND 47 LF OF 42" R.C.P. STORM SEWER FROM SECTION 7 OUTFALL AND OUTFALL SWALE, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00
SUBTOTAL MISECLLANEOUS ITEMS					\$15,100.00
BID SUMMARY					
SUBTOTAL WATER SYSTEM ITEMS					\$194,893.00
SUBTOTAL SANITARY SEWER ITEMS					\$249,320.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$644,920.00
SUBTOTAL CLEARING AND GRUBBING ITEMS					\$68,406.00
SUBTOTAL MISECLLANEOUS ITEMS					\$15,100.00
TOTAL AMOUNT BID					\$1,172,639.00