

BID TABULATION FOR

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE AND PAVING FACILITIES
TO SERVE WOODTRACE SECTION THIRTEEN
WOOD TRACE MUNICIPAL UTILITY DISTRICT NO. 1
MONTGOMERY COUNTY, TEXAS
DECEMBER 3, 2020
LJA ENGINEERING, INC.
E. MURPHY
DECEMBER 3, 2020
0389-1831, 0389-1832 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	TOTAL AMOUNT BID INCLUDING ALTERNATE ITEMS
1) PRINCIPAL SERVICES, LTD	\$760,999.00	\$1,485,048.50
2) R CONSTRUCTION CIVIL	\$791,271.20	\$1,456,112.70
3) CE BARKER, LTD	\$793,641.91	\$1,527,967.06
4) PRECISE SERVICES INC.	\$970,714.70	\$1,650,627.20
5) TRIPLE B SERVICES, LLP	\$1,038,796.00	\$1,736,556.00

CALENDAR DAYS 85/100

Mark Swanson

Mark H. Swanson, PE, hereby certify these bid tabulations to be true and correct.



12/4/20

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 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 3, 2020
 0389-1831, 0389-1832 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) R CONSTRUCTION CIVIL		3) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	12" PVC RESTRAINED JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, ALL DEPTHS, INCLUDES RESTRAINED JOINT FITTINGS, (TEES, BENDS, ETC.), COMPLETE IN PLACE	LF	42	\$95.00	\$3,990.00	\$100.00	\$4,200.00	\$88.19	\$3,703.98
2	8" PVC RESTRAINED JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, ALL DEPTHS, INCLUDES RESTRAINED JOINT FITTINGS, (TEES, BENDS, ETC.), COMPLETE IN PLACE	LF	59	\$61.00	\$3,599.00	\$60.00	\$3,540.00	\$70.05	\$4,132.95
3	12" PVC WATER PIPE, AWWA C-235, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS (TEES, BENDS, ETC.), COMPLETE IN PLACE	LF	1297	\$30.00	\$38,910.00	\$31.00	\$40,207.00	\$28.98	\$37,587.06
4	8" PVC WATER PIPE, AWWA C-235, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS (TEES, BENDS, ETC.), COMPLETE IN PLACE	LF	2663	\$20.00	\$53,260.00	\$22.00	\$58,586.00	\$17.55	\$46,735.65
5	FLUSHING VALVE, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, TRENCH SAFETY, THRUST BLOCK, RESTRAINED JOINT FITTINGS, AND FIRE HYDRANT, COMPLETE IN PLACE	EA	8	\$3,400.00	\$27,200.00	\$3,600.00	\$28,800.00	\$3,226.52	\$25,812.16
6	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	3	\$1,800.00	\$5,400.00	\$1,800.00	\$5,400.00	\$1,745.69	\$5,237.07
7	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	7	\$950.00	\$6,650.00	\$1,000.00	\$7,000.00	\$843.36	\$5,903.52
8	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE ASSEMBLY AND BOX, COMPLETE IN PLACE	EA	1	\$900.00	\$900.00	\$1,000.00	\$1,000.00	\$373.82	\$373.82
9	WET CONNECTION (ALL SIZES), INCLUDES REMOVAL OF EXISTING PLUG & CLAMP, 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	2	\$460.00	\$920.00	\$300.00	\$600.00	\$710.94	\$1,421.88
10	AIR RELEASE VALVE, ALL SIZES OF WATER LINE, COMPLETE IN PLACE	EA	1	\$4,600.00	\$4,600.00	\$4,500.00	\$4,500.00	\$3,760.45	\$3,760.45
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4061	\$0.10	\$406.10	\$0.10	\$406.10	\$0.01	\$40.61
WATER ITEMS SUBTOTAL:					\$145,835.10		\$154,239.10		\$134,709.15
SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0' – 8' CUT, COMPLETE IN PLACE	LF	184	\$25.00	\$4,600.00	\$30.00	\$5,520.00	\$33.50	\$6,164.00
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 8' – 12' CUT, COMPLETE IN PLACE	LF	1404	\$26.00	\$36,504.00	\$30.00	\$42,120.00	\$34.68	\$48,690.72
3	8" PVC SEWER PIPE, AWWA C-900, DR 18, 12' – 16', COMPLETE IN PLACE	LF	283	\$28.00	\$7,924.00	\$32.00	\$9,056.00	\$42.02	\$11,891.66
4	STANDARD SANITARY SEWER MANHOLE FOR 6" – 24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTORS, COMPLETE IN PLACE	EA	13	\$2,900.00	\$37,700.00	\$3,200.00	\$41,600.00	\$1,743.81	\$22,669.53
5	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	39	\$160.00	\$6,240.00	\$270.00	\$10,530.00	\$134.30	\$5,237.70
6	8" STANDARD SANITARY SEWER DROP AT MANHOLE, COMPLETE IN PLACE	EA	9	\$600.00	\$5,400.00	\$600.00	\$5,400.00	\$852.49	\$7,672.41
7	6" LEAD STANDARD SANITARY SEWER DROP AT MANHOLE, COMPLETE IN PLACE	EA	10	\$400.00	\$4,000.00	\$500.00	\$5,000.00	\$688.87	\$6,888.70
8	EXTRA DEPTH FOR ALL SANITARY DROP STRUCTURES AT MANHOLE (OVER 3' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	25	\$35.00	\$875.00	\$25.00	\$625.00	\$41.91	\$1,047.75

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26/PR 160, ALL DEPTHS, INCLUDING PIPE, TRENCH SAFETY, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	1492	\$32.00	\$47,744.00	\$35.00	\$52,220.00	\$41.36	\$61,709.12
10	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR26/PR160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, TRENCH SAFETY, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	14	\$900.00	\$12,600.00	\$800.00	\$11,200.00	\$817.07	\$11,438.98
11	SANITARY STACKS, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$350.00	\$2,800.00	\$500.00	\$4,000.00	\$484.42	\$3,875.36
12	ADDITIONAL COST TO CONNECT SANITARY STACK TO EXISTING SANITARY SEWER TRUNK LINE, COMPLETE IN PLACE	EA	6	\$500.00	\$3,000.00	\$200.00	\$1,200.00	\$500.98	\$3,005.88
13	ADDITIONAL COST TO CONNECT SANITARY SEWER LEAD TO EXISTING SANITARY SEWER TRUNK LINE, COMPLETE IN PLACE	EA	3	\$500.00	\$1,500.00	\$200.00	\$600.00	\$492.36	\$1,477.08
14	CORE INTO EXISTING MANHOLE & CONNECT PROPOSED SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	6	\$1,000.00	\$6,000.00	\$1,500.00	\$9,000.00	\$853.25	\$5,119.50
15	ADDITIONAL COST TO AUGER 6" SANITARY SEWER LEAD, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	30	\$100.00	\$3,000.00	\$120.00	\$3,600.00	\$102.86	\$3,085.80
16	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1871	\$0.10	\$187.10	\$0.10	\$187.10	\$0.01	\$18.71
SANITARY SEWER ITEMS SUBTOTAL:					\$180,074.10		\$201,858.10		\$199,992.90
DRAINAGE FACILITIES ITEMS									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	2626	\$56.00	\$147,056.00	\$56.00	\$147,056.00	\$68.27	\$179,277.02
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	671	\$67.00	\$44,957.00	\$70.00	\$46,970.00	\$79.85	\$53,579.35
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	113	\$95.00	\$10,735.00	\$92.00	\$10,396.00	\$92.50	\$10,452.50
4	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("H-2") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	25	\$980.00	\$24,500.00	\$800.00	\$20,000.00	\$1,178.10	\$29,452.50
5	STAGE II –STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN PLACE INLET ("H-2"), COMPLETE IN PLACE	EA	25	\$1,300.00	\$32,500.00	\$1,500.00	\$37,500.00	\$1,035.30	\$25,882.50
6	STAGE I – TYPE "C-1" REINFORCED CONCRETE PRECAST INLET (10' MINIMUM INSIDE OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	4	\$1,040.00	\$4,160.00	\$1,500.00	\$6,000.00	\$1,239.30	\$4,957.20
7	STAGE I – TYPE "C-1" REINFORCED CONCRETE PRECAST INLET (10' MINIMUM INSIDE OPENING) WITH 10' WIDE INLET BOX FOR DUAL 30" RCP STORM SEWER, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	1	\$1,040.00	\$1,040.00	\$1,500.00	\$1,500.00	\$3,483.30	\$3,483.30
8	STAGE II – TYPE "C-1" REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE INLET (10' MINIMUM INSIDE OPENING), COMPLETE IN PLACE	EA	5	\$1,800.00	\$9,000.00	\$2,500.00	\$12,500.00	\$1,341.30	\$6,706.50
9	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	27	\$2,100.00	\$56,700.00	\$2,300.00	\$62,100.00	\$2,070.60	\$55,906.20

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10	JUNCTION BOX FOR DUAL 30" RCP STORM SEWER, ALL DEPTHS, INCLUDES TYPE 'E' INLET TOP WITH ALL SIDES OPEN, COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00	\$11,000.00	\$11,000.00	\$5,651.82	\$5,651.82
11	BREAK INTO EXISTING TYPE 'C' MANHOLE AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$994.50	\$994.50
12	4" CONCRETE SLOPE PAVEMENT FOR OUTFALLS, INCLUDES 2' TOE WALL, COMPLETE IN PLACE	SY	122	\$110.00	\$13,420.00	\$85.00	\$10,370.00	\$79.56	\$9,706.32
13	RIP RAP (24-INCH THICKNESS) GRADATION NO. 2, INCLUDES GEO TEXTILE FABRIC ("MIRAFI-600" OR APPROVED EQUAL), COMPLETE IN PLACE	SY	27	\$90.00	\$2,430.00	\$130.00	\$3,510.00	\$74.46	\$2,010.42
14	ALLOWANCE TO INSTALL GREEN ARMOR 7010 ON SIDE SLOPES AT BOTTOM, ON DECKER TRIBUTARY BEHIND LOTS 1-12 OF BLOCK 5 AND BEHIND RESERVES 'F' AND 'G', TO CONTROL SEDIMENT RUNOFF TO JURISDICTIONAL WATERS, CONTRACTOR TO SUBCONTRACT WITH STUCKEY CONTRACT SERVICES, L.P. FOR MATERIAL AND LABOR, CONTACT SHANE STUCKEY AT 281.642.1368, COMPLETE IN PLACE	SY	1380	\$15.25	\$21,045.00	\$15.25	\$21,045.00	\$15.25	\$21,045.00
15	ALLOWANCE TO ADD SOIL AMENDMENTS (ONLY AS DIRECTED BY THE ENGINEER), CONTRACTOR TO SUBCONTRACT WITH STUCKEY CONTRACT SERVICES, L.P. FOR SOIL TESTING, MATERIAL AND LABOR, CONTACT SHANE STUCKEY AT 281.642.1368, COMPLETE IN PLACE	SY	1380	\$2.50	\$3,450.00	\$2.50	\$3,450.00	\$2.50	\$3,450.00
16	TYPE II ROCK FILTER DAM, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$3,600.60	\$3,600.60
17	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3410	\$0.10	\$341.00	\$0.10	\$341.00	\$0.01	\$34.10
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$379,334.00		\$395,738.00		\$416,189.83
MISCELLANEOUS ITEMS									
1	EXTRA CEMENT STABILIZED SAND BACKFILL, (2 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	10	\$15.00	\$150.00	\$15.00	\$150.00	\$15.00	\$150.00
2	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01 OR 02317-02, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$5.00	\$2,500.00
3	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-02, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	5	\$1.00	\$5.00	\$5.00	\$25.00	\$0.01	\$0.05
4	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE AS PER CITY OF HOUSTON DRAWING NO. 02082-05 (EFFECTIVE DATE ON OCTOBER 1, 2002 OR LATEST DETAIL), ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
5	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF UTILITY LINES, ALL LINE SIZES AND DEPTHS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE FOR	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
6	HAUL AND PLACE UTILITY SPOILS IN WOODTRACE SECTION 10 LOTS 15-33 BLOCK 2, INCLUDES HAULING, STRIPPING, STOCKPILING OF STRIPPINGS AND REAPPLICATION OF STRIPPINGS TO APPLICABLE AREAS (COMPACTION TO 95% STANDARD PROCTOR DENSITY), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$20,840.80	\$20,840.80	\$7,500.00	\$7,500.00	\$10,136.76	\$10,136.76
7	EXTRA DUCTILE IRON FITTINGS, COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00

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8	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	200	\$1.00	\$200.00	\$1.00	\$200.00	\$1.00	\$200.00
9	EXTRA SILT FENCE INLET PROTECTION BARRIER, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
10	EXTRA CLEARING AND GRUBBING INCLUDES HAULING OFF MATERIAL TO AN EPA APPROVED DISPOSAL SITE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
11	EXTRA HYDROMULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
12	SURFACE WATER CONTROL AND PUMPING, INCLUDES ALL PUMPING TO COMPLETE PROJECT, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$1.00	\$1.00	\$0.01	\$0.01
13	INSTALLATION, MAINTENANCE, AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$2,203.20	\$2,203.20
14	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$0.01	\$0.01
15	ADJUSTMENT TO EXISTING MANHOLES TO NEW FINISHED GRADE, INCLUDES LABOR AND MATERIALS FOR ALL WORK ON STORM AND SANITARY MANHOLES, COMPLETE IN PLACE	EA	16	\$500.00	\$8,000.00	\$500.00	\$8,000.00	\$500.00	\$8,000.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$55,755.80		\$39,436.00		\$42,750.03
ALTERNATE PAVING ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, MIN. 3,000 PSI COMPRESSIVE STRENGTH AND 5.0 SACKS CEMENT PER CUBIC YARD OF MIX, COMPLETE IN PLACE	SY	10942	\$43.00	\$470,506.00	\$38.00	\$415,796.00	\$38.18	\$417,765.56
2	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	7611	\$3.50	\$26,638.50	\$3.50	\$26,638.50	\$3.70	\$28,160.70
3	PAVING HEADER, COMPLETE IN PLACE	LF	24	\$25.00	\$600.00	\$20.00	\$480.00	\$20.84	\$500.16
4	6" LIME/FLY-ASH STABILIZED SUBGRADE, MANIPULATION, COMPLETE IN PLACE	SY	12630	\$3.00	\$37,890.00	\$3.50	\$44,205.00	\$2.73	\$34,479.90
5	HYDRATED LIME FOR STABILIZED SUBGRADE (2% BY DRY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	68	\$180.00	\$12,240.00	\$190.00	\$12,920.00	\$224.84	\$15,289.12
6	FLY-ASH FOR STABILIZED SUBGRADE (8% BY DRY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	273	\$85.00	\$23,205.00	\$90.00	\$24,570.00	\$117.74	\$32,143.02
7	ROADWAY AND LOT EXCAVATION, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS AND REAPPLICATION OF STRIPPINGS TO APPLICABLE AREAS (COMPACTION TO 95% STANDARD PROCTOR DENSITY), AND HAULING, COMPLETE IN PLACE	CY	20285	\$3.00	\$60,855.00	\$2.00	\$40,570.00	\$1.97	\$39,961.45
8	ROADWAY AND LOT EMBANKMENT WITHIN LOTS AND UTILITY EASEMENTS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS AND REAPPLICATION OF STRIPPINGS TO APPLICABLE AREAS (COMPACTION TO 95% STANDARD PROCTOR DENSITY), AND HAULING, COMPLETE IN PLACE	CY	12075	\$2.00	\$24,150.00	\$2.00	\$24,150.00	\$3.50	\$42,262.50

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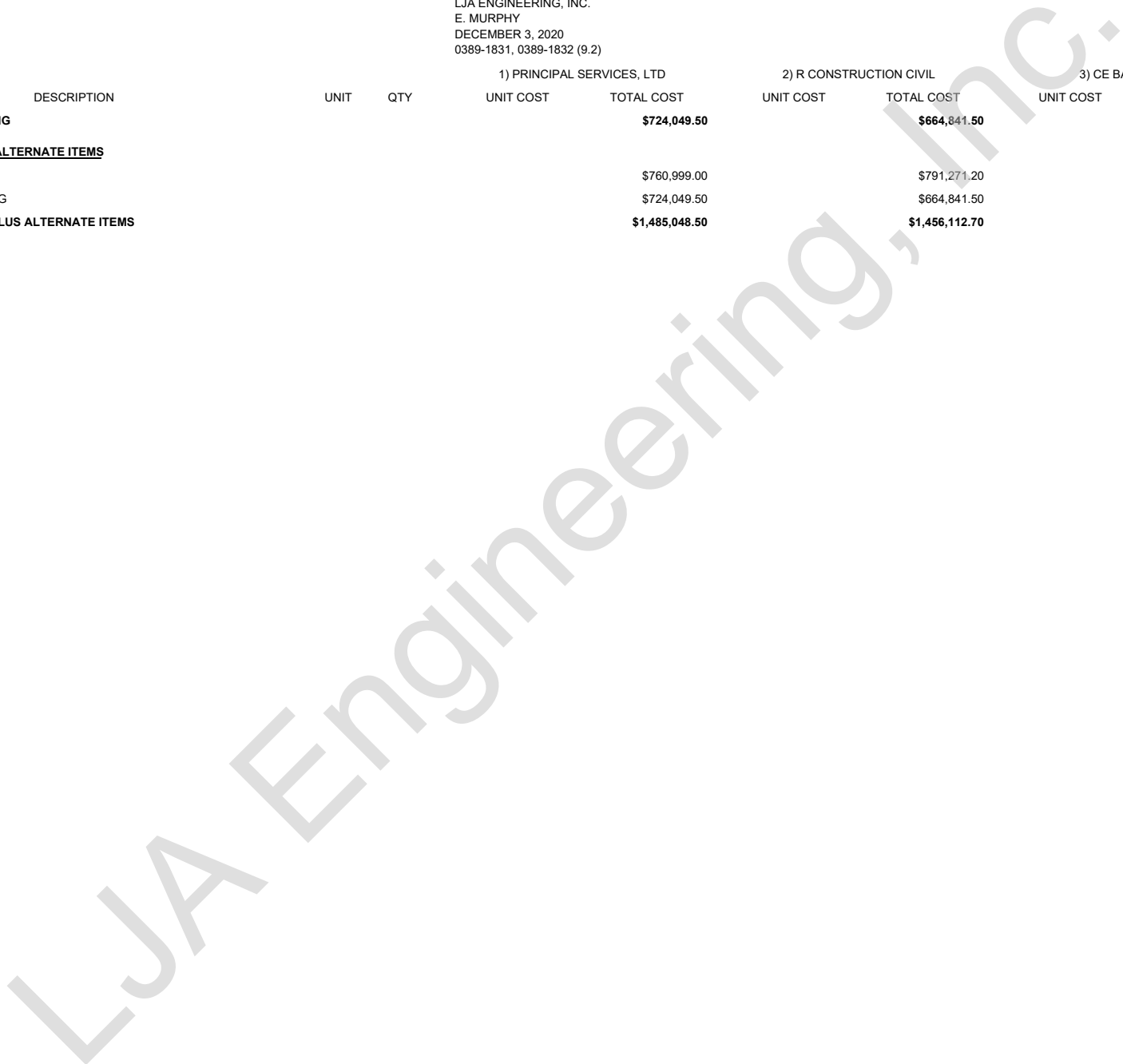
ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) R CONSTRUCTION CIVIL		3) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	ADDITIONAL COST TO HAUL AND PLACE ROADWAY AND LOT EXCAVATION IN WOODTRACE SECTION 10 LOTS 15-33 BLOCK 2, INCLUDES HAULING, STRIPPING, STOCKPILING OF STRIPPINGS AND REAPPLICATION OF STRIPPINGS TO APPLICABLE AREAS (COMPACTION TO 95% STANDARD PROCTOR DENSITY), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	8210	\$3.50	\$28,735.00	\$2.00	\$16,420.00	\$8.60	\$70,606.00
10	FINAL LOT AND RESERVE GRADING, COMPLETE IN PLACE	LS	1	\$6,000.00	\$6,000.00	\$20,000.00	\$20,000.00	\$13,260.44	\$13,260.44
11	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDES TRAFFIC BUTTONS, STREET NAME AND STOP SIGNS, PAVEMENT STRIPING, MARKERS, ETC., COMPLETE IN PLACE	LS	1	\$3,500.00	\$3,500.00	\$7,000.00	\$7,000.00	\$7,650.44	\$7,650.44
12	TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$900.00	\$900.00	\$918.44	\$918.44
13	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$150.00	\$300.00	\$1.00	\$2.00	\$204.44	\$408.88
14	TYPE 7 ADA RAMPS AS PER DETAIL, INCLUDEING TRUNCATED DOME PAVERS AS NOTED IN CONSTRUCTION PLAN SET, COMPLETE IN PLACE	EA	10	\$1,500.00	\$15,000.00	\$1,800.00	\$18,000.00	\$1,836.44	\$18,364.40
15	4" SQUARE DOUBLE REFLECTION BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	8	\$10.00	\$80.00	\$15.00	\$120.00	\$9.62	\$76.96
16	4" PVC IRRIGATION SLEEVES, SCHEDULE 40, PER PLANS, COMPLETE IN PLACE	LF	60	\$25.00	\$1,500.00	\$20.00	\$1,200.00	\$18.80	\$1,128.00
17	6" PVC IRRIGATION SLEEVES, SCHEDULE 40, PER PLANS, COMPLETE IN PLACE	LF	60	\$30.00	\$1,800.00	\$22.00	\$1,320.00	\$22.88	\$1,372.80
ALTERNATE PAVING ITEMS SUBTOTAL:					\$713,999.50		\$654,291.50		\$724,348.77
ALTERNATE PAVING MISCELLANEOUS ITEMS									
1	EXTRA TRAFFIC CONTROL SIGNS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$250.00	\$250.00	\$489.73	\$489.73
2	EXTRA BROADCAST SEEDING, COMPLETE IN PLACE	AC	2	\$650.00	\$1,300.00	\$650.00	\$1,300.00	\$1,275.13	\$2,550.26
3	TEMPORARY TRAFFIC CONTROL FOR CONSTRUCTION, INCLUDES TEMPORARY TRAFFIC BUTTONS, SIGNAGE, PAVEMENT STRIPING, MARKERS, ETC., AS REQUIRED TO COMPLETE CONSTRUCTION, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$1,836.13	\$1,836.13
4	INSTALL, MAINTAIN, AND REMOVE CONCRETE TRUCK WASH-OUT AREA, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$2,550.13	\$2,550.13
5	AS-BUILT SURVEY OF ALL PAVEMENT HIGH POINTS, LOW POINTS AND LOT CORNERS (74 LOTS TOTAL), INCLUDES AN EXHIBIT CERTIFIED BY A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AS WELL AS AN AUTO CAD FILE OF SURVEY, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00	\$2,550.13	\$2,550.13
ALTERNATE PAVING MISCELLANEOUS ITEMS SUBTOTAL:					\$10,050.00		\$10,550.00		\$9,976.38
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS					\$145,835.10		\$154,239.10		\$134,709.15
SUBTOTAL SANITARY SEWER ITEMS					\$180,074.10		\$201,858.10		\$199,992.90
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$379,334.00		\$395,738.00		\$416,189.83
SUBTOTAL MISCELLANEOUS ITEMS					\$55,755.80		\$39,436.00		\$42,750.03
TOTAL AMOUNT BASE BID					\$760,999.00		\$791,271.20		\$793,641.91
ALTERNATE BID - PAVING									
SUBTOTAL ALTERNATE PAVING ITEMS					\$713,999.50		\$654,291.50		\$724,348.77
SUBTOTAL ALTERNATE PAVING MISCELLANEOUS ITEMS					\$10,050.00		\$10,550.00		\$9,976.38

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE AND PAVING FACILITIES
 TO SERVE WOODTRACE SECTION THIRTEEN
 WOOD TRACE MUNICIPAL UTILITY DISTRICT NO. 1
 MONTGOMERY COUNTY, TEXAS
 DECEMBER 3, 2020
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 3, 2020
 0389-1831, 0389-1832 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) R CONSTRUCTION CIVIL		3) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
TOTAL ALTERNATE ITEMS - PAVING					\$724,049.50		\$664,841.50		\$734,325.15
<u>TOTAL AMOUNT BASE BID PLUS ALTERNATE ITEMS</u>									
TOTAL AMOUNT BASE BID					\$760,999.00		\$791,271.20		\$793,641.91
TOTAL ALTERNATE ITEMS - PAVING					\$724,049.50		\$664,841.50		\$734,325.15
TOTAL AMOUNT BID - BASE BID PLUS ALTERNATE ITEMS					\$1,485,048.50		\$1,456,112.70		\$1,527,967.06



BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE AND PAVING FACILITIES
 TO SERVE WOODTRACE SECTION THIRTEEN
 WOOD TRACE MUNICIPAL UTILITY DISTRICT NO. 1
 MONTGOMERY COUNTY, TEXAS
 DECEMBER 3, 2020
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 3, 2020
 0389-1831, 0389-1832 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) PRECISE SERVICES INC.		5) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS							
1	12" PVC RESTRAINED JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, ALL DEPTHS, INCLUDES RESTRAINED JOINT FITTINGS, (TEES, BENDS, ETC.), COMPLETE IN PLACE	LF	42	\$120.00	\$5,040.00	\$106.00	\$4,452.00
2	8" PVC RESTRAINED JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, ALL DEPTHS, INCLUDES RESTRAINED JOINT FITTINGS, (TEES, BENDS, ETC.), COMPLETE IN PLACE	LF	59	\$83.00	\$4,897.00	\$74.00	\$4,366.00
3	12" PVC WATER PIPE, AWWA C-235, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS (TEES, BENDS, ETC.), COMPLETE IN PLACE	LF	1297	\$38.00	\$49,286.00	\$37.00	\$47,989.00
4	8" PVC WATER PIPE, AWWA C-235, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS (TEES, BENDS, ETC.), COMPLETE IN PLACE	LF	2663	\$26.00	\$69,238.00	\$24.00	\$63,912.00
5	FLUSHING VALVE, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, TRENCH SAFETY, THRUST BLOCK, RESTRAINED JOINT FITTINGS, AND FIRE HYDRANT, COMPLETE IN PLACE	EA	8	\$4,250.00	\$34,000.00	\$3,600.00	\$28,800.00
6	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	3	\$2,150.00	\$6,450.00	\$2,250.00	\$6,750.00
7	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	7	\$1,200.00	\$8,400.00	\$1,330.00	\$9,310.00
8	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE ASSEMBLY AND BOX, COMPLETE IN PLACE	EA	1	\$950.00	\$950.00	\$1,260.00	\$1,260.00
9	WET CONNECTION (ALL SIZES), INCLUDES REMOVAL OF EXISTING PLUG & CLAMP, 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	2	\$550.00	\$1,100.00	\$850.00	\$1,700.00
10	AIR RELEASE VALVE, ALL SIZES OF WATER LINE, COMPLETE IN PLACE	EA	1	\$5,050.00	\$5,050.00	\$5,700.00	\$5,700.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4061	\$0.10	\$406.10	\$1.00	\$4,061.00
WATER ITEMS SUBTOTAL:					\$184,817.10		\$178,300.00
SANITARY SEWER ITEMS							
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0' – 8' CUT, COMPLETE IN PLACE	LF	184	\$31.50	\$5,796.00	\$43.00	\$7,912.00
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 8' – 12' CUT, COMPLETE IN PLACE	LF	1404	\$32.50	\$45,630.00	\$49.00	\$68,796.00
3	8" PVC SEWER PIPE, AWWA C-900, DR 18, 12' – 16', COMPLETE IN PLACE	LF	283	\$36.00	\$10,188.00	\$54.00	\$15,282.00
4	STANDARD SANITARY SEWER MANHOLE FOR 6" – 24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTORS, COMPLETE IN PLACE	EA	13	\$3,300.00	\$42,900.00	\$3,250.00	\$42,250.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	39	\$140.00	\$5,460.00	\$110.00	\$4,290.00
6	8" STANDARD SANITARY SEWER DROP AT MANHOLE, COMPLETE IN PLACE	EA	9	\$600.00	\$5,400.00	\$623.00	\$5,607.00
7	6" LEAD STANDARD SANITARY SEWER DROP AT MANHOLE, COMPLETE IN PLACE	EA	10	\$400.00	\$4,000.00	\$450.00	\$4,500.00
8	EXTRA DEPTH FOR ALL SANITARY DROP STRUCTURES AT MANHOLE (OVER 3' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	25	\$5.00	\$125.00	\$4.00	\$100.00

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 TO SERVE WOODTRACE SECTION THIRTEEN
 WOOD TRACE MUNICIPAL UTILITY DISTRICT NO. 1
 MONTGOMERY COUNTY, TEXAS
 DECEMBER 3, 2020
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 3, 2020
 0389-1831, 0389-1832 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) PRECISE SERVICES INC.		5) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26/PR 160, ALL DEPTHS, INCLUDING PIPE, TRENCH SAFETY, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	1492	\$35.50	\$52,966.00	\$61.00	\$91,012.00
10	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR26/PR160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, TRENCH SAFETY, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	14	\$950.00	\$13,300.00	\$725.00	\$10,150.00
11	SANITARY STACKS, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$355.00	\$2,840.00	\$410.00	\$3,280.00
12	ADDITIONAL COST TO CONNECT SANITARY STACK TO EXISTING SANITARY SEWER TRUNK LINE, COMPLETE IN PLACE	EA	6	\$390.00	\$2,340.00	\$87.00	\$522.00
13	ADDITIONAL COST TO CONNECT SANITARY SEWER LEAD TO EXISTING SANITARY SEWER TRUNK LINE, COMPLETE IN PLACE	EA	3	\$365.00	\$1,095.00	\$87.00	\$261.00
14	CORE INTO EXISTING MANHOLE & CONNECT PROPOSED SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	6	\$880.00	\$5,280.00	\$1,300.00	\$7,800.00
15	ADDITIONAL COST TO AUGER 6" SANITARY SEWER LEAD, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	30	\$47.50	\$1,425.00	\$130.00	\$3,900.00
16	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1871	\$0.10	\$187.10	\$1.00	\$1,871.00
SANITARY SEWER ITEMS SUBTOTAL:					\$198,932.10		\$267,533.00
DRAINAGE FACILITIES ITEMS							
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	2626	\$75.00	\$196,950.00	\$78.00	\$204,828.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	671	\$89.50	\$60,054.50	\$92.00	\$61,732.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	113	\$125.00	\$14,125.00	\$121.00	\$13,673.00
4	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("H-2") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	25	\$1,500.00	\$37,500.00	\$1,800.00	\$45,000.00
5	STAGE II –STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN PLACE INLET ("H-2"), COMPLETE IN PLACE	EA	25	\$1,500.00	\$37,500.00	\$1,700.00	\$42,500.00
6	STAGE I – TYPE "C-1" REINFORCED CONCRETE PRECAST INLET (10' MINIMUM INSIDE OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	4	\$1,650.00	\$6,600.00	\$1,900.00	\$7,600.00
7	STAGE I – TYPE "C-1" REINFORCED CONCRETE PRECAST INLET (10' MINIMUM INSIDE OPENING) WITH 10' WIDE INLET BOX FOR DUAL 30" RCP STORM SEWER, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	1	\$5,400.00	\$5,400.00	\$5,800.00	\$5,800.00
8	STAGE II – TYPE "C-1" REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE INLET (10' MINIMUM INSIDE OPENING), COMPLETE IN PLACE	EA	5	\$2,300.00	\$11,500.00	\$2,400.00	\$12,000.00
9	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	27	\$3,300.00	\$89,100.00	\$3,250.00	\$87,750.00

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 TO SERVE WOODTRACE SECTION THIRTEEN
 WOOD TRACE MUNICIPAL UTILITY DISTRICT NO. 1
 MONTGOMERY COUNTY, TEXAS
 DECEMBER 3, 2020
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 3, 2020
 0389-1831, 0389-1832 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) PRECISE SERVICES INC.		5) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10	JUNCTION BOX FOR DUAL 30" RCP STORM SEWER, ALL DEPTHS, INCLUDES TYPE 'E' INLET TOP WITH ALL SIDES OPEN, COMPLETE IN PLACE	EA	1	\$9,650.00	\$9,650.00	\$9,700.00	\$9,700.00
11	BREAK INTO EXISTING TYPE 'C' MANHOLE AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
12	4" CONCRETE SLOPE PAVEMENT FOR OUTFALLS, INCLUDES 2' TOE WALL, COMPLETE IN PLACE	SY	122	\$95.00	\$11,590.00	\$120.00	\$14,640.00
13	RIP RAP (24-INCH THICKNESS) GRADATION NO. 2, INCLUDES GEO TEXTILE FABRIC ("MIRAFI-600" OR APPROVED EQUAL), COMPLETE IN PLACE	SY	27	\$125.00	\$3,375.00	\$135.00	\$3,645.00
14	ALLOWANCE TO INSTALL GREEN ARMOR 7010 ON SIDE SLOPES AT BOTTOM, ON DECKER TRIBUTARY BEHIND LOTS 1-12 OF BLOCK 5 AND BEHIND RESERVES "F" AND "G", TO CONTROL SEDIMENT RUNOFF TO JURISDICTIONAL WATERS, CONTRACTOR TO SUBCONTRACT WITH STUCKEY CONTRACT SERVICES, L.P. FOR MATERIAL AND LABOR, CONTACT SHANE STUCKEY AT 281.642.1368, COMPLETE IN PLACE	SY	1380	\$15.25	\$21,045.00	\$15.25	\$21,045.00
15	ALLOWANCE TO ADD SOIL AMENDMENTS (ONLY AS DIRECTED BY THE ENGINEER), CONTRACTOR TO SUBCONTRACT WITH STUCKEY CONTRACT SERVICES, L.P. FOR SOIL TESTING, MATERIAL AND LABOR, CONTACT SHANE STUCKEY AT 281.642.1368, COMPLETE IN PLACE	SY	1380	\$2.50	\$3,450.00	\$2.50	\$3,450.00
16	TYPE II ROCK FILTER DAM, COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00	\$2,100.00	\$2,100.00
17	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3410	\$0.10	\$341.00	\$1.00	\$3,410.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$515,680.50		\$540,373.00
MISCELLANEOUS ITEMS							
1	EXTRA CEMENT STABILIZED SAND BACKFILL, (2 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	10	\$15.00	\$150.00	\$35.00	\$350.00
2	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01 OR 02317-02, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00	\$5.00	\$2,500.00
3	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-02, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	5	\$35.00	\$175.00	\$25.00	\$125.00
4	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE AS PER CITY OF HOUSTON DRAWING NO. 02082-05 (EFFECTIVE DATE ON OCTOBER 1, 2002 OR LATEST DETAIL), ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$250.00	\$250.00
5	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF UTILITY LINES, ALL LINE SIZES AND DEPTHS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE FOR	LF	500	\$25.00	\$12,500.00	\$20.00	\$10,000.00
6	HAUL AND PLACE UTILITY SPOILS IN WOODTRACE SECTION 10 LOTS 15-33 BLOCK 2, INCLUDES HAULING, STRIPPING, STOCKPILING OF STRIPPINGS AND REAPPLICATION OF STRIPPINGS TO APPLICABLE AREAS (COMPACTION TO 95% STANDARD PROCTOR DENSITY), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$21,000.00	\$21,000.00	\$10,000.00	\$10,000.00
7	EXTRA DUCTILE IRON FITTINGS, COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$6,095.00	\$6,095.00

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 MONTGOMERY COUNTY, TEXAS
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BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	4) PRECISE SERVICES INC.		5) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	200	\$1.00	\$200.00	\$1.25	\$250.00
9	EXTRA SILT FENCE INLET PROTECTION BARRIER, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$45.00	\$45.00
10	EXTRA CLEARING AND GRUBBING INCLUDES HAULING OFF MATERIAL TO AN EPA APPROVED DISPOSAL SITE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$7,500.00	\$7,500.00	\$8,500.00	\$8,500.00
11	EXTRA HYDROMULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,800.00	\$1,800.00
12	SURFACE WATER CONTROL AND PUMPING, INCLUDES ALL PUMPING TO COMPLETE PROJECT, COMPLETE IN PLACE	LS	1	\$12,000.00	\$12,000.00	\$500.00	\$500.00
13	INSTALLATION, MAINTENANCE, AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$2,200.00	\$2,200.00	\$2,975.00	\$2,975.00
14	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$1,200.00	\$1,200.00
15	ADJUSTMENT TO EXISTING MANHOLES TO NEW FINISHED GRADE, INCLUDES LABOR AND MATERIALS FOR ALL WORK ON STORM AND SANITARY MANHOLES, COMPLETE IN PLACE	EA	16	\$500.00	\$8,000.00	\$500.00	\$8,000.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$71,285.00		\$52,590.00
ALTERNATE PAVING ITEMS							
1	6" REINFORCED CONCRETE PAVEMENT, MIN. 3,000 PSI COMPRESSIVE STRENGTH AND 5.0 SACKS CEMENT PER CUBIC YARD OF MIX, COMPLETE IN PLACE	SY	10942	\$36.00	\$393,912.00	\$40.00	\$437,680.00
2	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	7611	\$3.50	\$26,638.50	\$4.00	\$30,444.00
3	PAVING HEADER, COMPLETE IN PLACE	LF	24	\$10.50	\$252.00	\$15.50	\$372.00
4	6" LIME/FLY-ASH STABILIZED SUBGRADE, MANIPULATION, COMPLETE IN PLACE	SY	12630	\$2.00	\$25,260.00	\$3.75	\$47,362.50
5	HYDRATED LIME FOR STABILIZED SUBGRADE (2% BY DRY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	68	\$215.00	\$14,620.00	\$200.00	\$13,600.00
6	FLY-ASH FOR STABILIZED SUBGRADE (8% BY DRY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	273	\$90.00	\$24,570.00	\$96.50	\$26,344.50
7	ROADWAY AND LOT EXCAVATION, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS AND REAPPLICATION OF STRIPPINGS TO APPLICABLE AREAS (COMPACTION TO 95% STANDARD PROCTOR DENSITY), AND HAULING, COMPLETE IN PLACE	CY	20285	\$3.50	\$70,997.50	\$2.00	\$40,570.00
8	ROADWAY AND LOT EMBANKMENT WITHIN LOTS AND UTILITY EASEMENTS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS AND REAPPLICATION OF STRIPPINGS TO APPLICABLE AREAS (COMPACTION TO 95% STANDARD PROCTOR DENSITY), AND HAULING, COMPLETE IN PLACE	CY	12075	\$3.50	\$42,262.50	\$3.00	\$36,225.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE AND PAVING FACILITIES
 TO SERVE WOODTRACE SECTION THIRTEEN
 WOOD TRACE MUNICIPAL UTILITY DISTRICT NO. 1
 MONTGOMERY COUNTY, TEXAS
 DECEMBER 3, 2020
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 3, 2020
 0389-1831, 0389-1832 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) PRECISE SERVICES INC.		5) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	ADDITIONAL COST TO HAUL AND PLACE ROADWAY AND LOT EXCAVATION IN WOODTRACE SECTION 10 LOTS 15-33 BLOCK 2, INCLUDES HAULING, STRIPPING, STOCKPILING OF STRIPPINGS AND REAPPLICATION OF STRIPPINGS TO APPLICABLE AREAS (COMPACTION TO 95% STANDARD PROCTOR DENSITY), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	8210	\$3.00	\$24,630.00	\$3.00	\$24,630.00
10	FINAL LOT AND RESERVE GRADING, COMPLETE IN PLACE	LS	1	\$9,000.00	\$9,000.00	\$15,500.00	\$15,500.00
11	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDES TRAFFIC BUTTONS, STREET NAME AND STOP SIGNS, PAVEMENT STRIPING, MARKERS, ETC., COMPLETE IN PLACE	LS	1	\$4,250.00	\$4,250.00	\$6,000.00	\$6,000.00
12	TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$950.00	\$950.00	\$850.00	\$850.00
13	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$85.00	\$170.00	\$150.00	\$300.00
14	TYPE 7 ADA RAMPS AS PER DETAIL, INCLUDEING TRUNCATED DOME PAVERS AS NOTED IN CONSTRUCTION PLAN SET, COMPLETE IN PLACE	EA	10	\$1,450.00	\$14,500.00	\$1,050.00	\$10,500.00
15	4" SQUARE DOUBLE REFLECTION BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	8	\$1,300.00	\$10,400.00	\$12.00	\$96.00
16	4" PVC IRRIGATION SLEEVES, SCHEDULE 40, PER PLANS, COMPLETE IN PLACE	LF	60	\$11.50	\$690.00	\$20.00	\$1,200.00
17	6" PVC IRRIGATION SLEEVES, SCHEDULE 40, PER PLANS, COMPLETE IN PLACE	LF	60	\$16.00	\$960.00	\$25.00	\$1,500.00
ALTERNATE PAVING ITEMS SUBTOTAL:					\$664,062.50		\$693,174.00
ALTERNATE PAVING MISCELLANEOUS ITEMS							
1	EXTRA TRAFFIC CONTROL SIGNS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$385.00	\$385.00
2	EXTRA BROADCAST SEEDING, COMPLETE IN PLACE	AC	2	\$650.00	\$1,300.00	\$650.00	\$1,300.00
3	TEMPORARY TRAFFIC CONTROL FOR CONSTRUCTION, INCLUDES TEMPORARY TRAFFIC BUTTONS, SIGNAGE, PAVEMENT STRIPING, MARKERS, ETC., AS REQUIRED TO COMPLETE CONSTRUCTION, COMPLETE IN PLACE	LS	1	\$3,300.00	\$3,300.00	\$1.00	\$1.00
4	INSTALL, MAINTAIN, AND REMOVE CONCRETE TRUCK WASH-OUT AREA, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$900.00	\$900.00
5	AS-BUILT SURVEY OF ALL PAVEMENT HIGH POINTS, LOW POINTS AND LOT CORNERS (74 LOTS TOTAL), INCLUDES AN EXHIBIT CERTIFIED BY A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AS WELL AS AN AUTO CAD FILE OF SURVEY, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00
ALTERNATE PAVING MISCELLANEOUS ITEMS SUBTOTAL:					\$15,850.00		\$4,586.00
BIDDING SUMMARY							
SUBTOTAL WATER ITEMS					\$184,817.10		\$178,300.00
SUBTOTAL SANITARY SEWER ITEMS					\$198,932.10		\$267,533.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$515,680.50		\$540,373.00
SUBTOTAL MISCELLANEOUS ITEMS					\$71,285.00		\$52,590.00
TOTAL AMOUNT BASE BID					\$970,714.70		\$1,038,796.00
ALTERNATE BID - PAVING							
SUBTOTAL ALTERNATE PAVING ITEMS					\$664,062.50		\$693,174.00
SUBTOTAL ALTERNATE PAVING MISCELLANEOUS ITEMS					\$15,850.00		\$4,586.00

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TO SERVE WOODTRACE SECTION THIRTEEN
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ITEM	DESCRIPTION	UNIT	QTY	4) PRECISE SERVICES INC.		5) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
TOTAL ALTERNATE ITEMS - PAVING					\$679,912.50		\$697,760.00
<u>TOTAL AMOUNT BASE BID PLUS ALTERNATE ITEMS</u>							
TOTAL AMOUNT BASE BID					\$970,714.70		\$1,038,796.00
TOTAL ALTERNATE ITEMS - PAVING					\$679,912.50		\$697,760.00
TOTAL AMOUNT BID - BASE BID PLUS ALTERNATE ITEMS					\$1,650,627.20		\$1,736,556.00

LJA Engineering, Inc.