

BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
AND DRAINAGE FACILITIES TO SERVE
THE WOODLANDS HILLS
(TWDC - HHC) SECTION 1
DECEMBER 14, 2017
LJA ENGINEERING, INC.
L. BROWN
DECEMBER 14, 2017
0474-0201

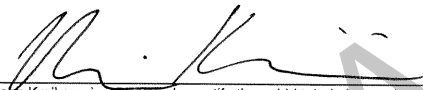
BID OPENING DATE:
BID OPENING LOCATION:
TABULATION BY:
TABULATION DATE:
LJA JOB NO.

BIDDER'S NAME	TOTAL BID AMOUNT	TOTAL AMOUNT BID INCL. ALTERNATE BID ITEMS
1) C.E. BARKER, LTD.	\$720,035.13	\$748,373.32
2) TEXASITE, LLC	\$742,249.40	\$788,249.00
3) BAY UTILITIES, LLC	\$757,099.80	\$802,759.80
4) R CONSTRUCTION CIVIL, LLC	\$822,624.10	\$896,704.10
5) PRINCIPAL SERVICES, LTD.	\$850,365.94	\$959,465.94
6) MONARCH CIVIL CONSTRUCTORS, LLC	\$986,471.95	\$1,023,997.95
7) PRECISE SERVICES, INC.	\$999,185.90	\$1,077,185.90
8) BLAZEY CONSTRUCTION SERVICES, LLC	\$1,322,888.60	\$1,382,888.60

CALENDAR DAYS - 60

** INDICATES MATHEMATICAL ERROR




I, Micah Kreikemeier, PE, hereby certify these bid tabulations to be true and correct.

12/19/17

LJA Engineering, Inc.

BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
AND DRAINAGE FACILITIES TO SERVE
THE WOODLANDS HILLS
(TWDC - HHC) SECTION 1
DECEMBER 14, 2017
LJA ENGINEERING, INC.
L. BROWN
DECEMBER 14, 2017
0474-0201

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

1) C.E. BARKER, LTD.

2) TEXASITE, LLC

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	MATERIAL	LABOR & EQUIPMENT	TOTAL COST	UNIT COST	MATERIAL	LABOR & EQUIPMENT	TOTAL COST
DIVISION I - WATER DISTRIBUTION SYSTEM ITEMS										
1. PVC WATER PIPE C-900, DR 18, ALL DEPTHS, INCLUDING FITTINGS, BEDDING AND BACKFILL										
1A. 8-INCH PVC, COMPLETE IN PLACE	LF	2,725	\$17.00	\$32,427.50	\$13,897.50	\$46,325.00	\$18.00	\$31,882.00	\$17,168.00	\$49,050.00
1B. 4-INCH PVC, COMPLETE IN PLACE	LF	840	\$13.00	\$7,644.00	\$3,276.00	\$10,920.00	\$12.00	\$6,552.00	\$3,528.00	\$10,080.00
2. FIRE HYDRANT UNIT (INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD & FIRE HYDRANT AND TRENCH SAFETY), COMPLETE IN PLACE	EA	8	\$3,731.00	\$20,893.60	\$8,954.40	\$29,848.00	\$3,200.00	\$16,640.00	\$8,960.00	\$25,600.00
3. AWWA GATE VALVE & BOX										
3A. 8-INCH PVC, COMPLETE IN PLACE	EA	9	\$994.00	\$6,262.20	\$2,683.80	\$8,946.00	\$1,200.00	\$7,020.00	\$3,780.00	\$10,800.00
4. TRENCH SAFETY SYSTEM (ALL DEPTHS), COMPLETE IN PLACE	LF	3,565	\$0.01	\$24.96	\$10.70	\$35.65	\$1.00	\$2,317.00	\$1,248.00	\$3,565.00
5. SHORT SIDE DOUBLE OR SINGLE WATER SERVICE, INCLUDES TRENCH SAFETY, METER BOX, CURB STOP AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	15	\$494.00	\$5,167.00	\$2,223.00	\$7,410.00	\$550.00	\$5,362.00	\$2,888.00	\$8,250.00
6. LONG SIDE DOUBLE OR SINGLE WATER SERVICE, INCLUDES TRENCH SAFETY, METER BOX, CURB STOP AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	11	\$911.00	\$7,014.70	\$3,006.30	\$10,021.00	\$950.00	\$6,793.00	\$3,657.00	\$10,450.00
7. 12"X8" TAPPING SLEEVE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$4,957.00	\$3,469.90	\$1,487.10	\$4,957.00	\$5,100.00	\$3,315.00	\$1,785.00	\$5,100.00
8. 8-INCH PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$193.20	\$276.00	\$82.80	\$276.00	\$150.00	\$98.00	\$52.00	\$150.00
9. 2-INCH BLOW OFF VALVE, UNIT AND BOX, COMPLETE IN PLACE	EA	1	\$768.00	\$537.60	\$230.40	\$768.00	\$550.00	\$358.00	\$192.00	\$550.00
TOTAL DIVISION I - WATER DISTRIBUTION SYSTEM ITEMS				\$83,654.66	\$35,852.00	\$119,506.65		\$80,337.00	\$43,258.00	\$123,595.00
DIVISION II - SANITARY SEWER COLLECTION SYSTEM ITEMS										
1. STANDARD 8-FOOT DEPTH SANITARY SEWER MANHOLES, (INCLUDES PRECAST CONCRETE RINGS, FRAME & COVER), COMPLETE IN PLACE	EA	11	\$2,692.00	\$20,728.40	\$8,883.60	\$29,612.00	\$2,600.00	\$18,590.00	\$10,010.00	\$28,600.00
2. 5-FOOT DIAMETER 10-FOOT DEPTH SANITARY SEWER MANHOLES, (INCLUDES PRECAST CONCRETE RINGS, FRAME AND COVER), COMPLETE IN PLACE	EA	12	\$3,669.00	\$30,819.60	\$13,208.40	\$44,028.00	\$4,700.00	\$36,660.00	\$19,740.00	\$56,400.00
3. 5-FOOT DIAMETER 10-FOOT DEPTH SEALED AND BOLTED SANITARY SEWER MANHOLES, (INCLUDES PRECAST CONCRETE RINGS, FRAME AND BOLTED COVER), COMPLETE IN PLACE	EA	1	\$4,323.00	\$3,026.10	\$1,296.90	\$4,323.00	\$5,200.00	\$3,380.00	\$1,820.00	\$5,200.00
4. EXTRA DEPTH FOR STANDARD SANITARY SEWER MANHOLES (8-FOOT AND OVER), COMPLETE IN PLACE	VF	3.20	\$173.00	\$387.52	\$166.08	\$553.60	\$200.00	\$416.00	\$224.00	\$640.00
5. EXTRA DEPTH FOR 5-FOOT DIAMETER SANITARY SEWER MANHOLES (10-FOOT AND OVER), COMPLETE IN PLACE	VF	42.20	\$221.00	\$6,528.34	\$2,797.86	\$9,326.20	\$500.00	\$13,715.00	\$7,385.00	\$21,100.00
6. EXTRA DEPTH FOR 5-FOOT DIAMETER SEALED AND BOLTED SANITARY SEWER MANHOLES (10-FOOT AND OVER), COMPLETE IN PLACE	VF	15.54	\$221.00	\$2,404.04	\$1,030.30	\$3,434.34	\$360.00	\$3,636.00	\$1,958.40	\$5,594.40
7. SDR 26 PVC SEWER PIPE MEETING ASTM SPECIFICATIONS D-3034, INCLUDING SANITARY SEWER, BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND										
7A. 8", 0'-8" DEPTH, COMPLETE IN PLACE	LF	553	\$14.00	\$5,419.40	\$2,322.60	\$7,742.00	\$24.00	\$8,626.00	\$4,646.00	\$13,272.00
7B. 8", 8'-12" DEPTH, COMPLETE IN PLACE	LF	1,208	\$15.00	\$12,684.00	\$5,436.00	\$18,120.00	\$25.00	\$19,630.00	\$10,570.00	\$30,200.00
7C. 8", 12'-16" DEPTH, COMPLETE IN PLACE	LF	761	\$18.00	\$9,588.60	\$4,109.40	\$13,698.00	\$27.00	\$13,355.00	\$7,192.00	\$20,547.00
8. SDR 26 PVC SEWER PIPE MEETING ASTM SPECIFICATIONS D-2241 INCLUDING SANITARY SEWER, BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND										
8A. 8-INCH, 8'-12" DEPTH, COMPLETE IN PLACE	LF	203	\$15.00	\$2,131.50	\$913.50	\$3,045.00	\$26.00	\$3,430.00	\$1,848.00	\$5,278.00
9. SDR 26 PVC SEWER PIPE MEETING ASTM SPECIFICATIONS F-679, INCLUDING SANITARY SEWER, BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND										
9A. 18", 20'-24" DEPTH, COMPLETE IN PLACE	LF	517	\$70.00	\$25,333.00	\$10,857.00	\$36,190.00	\$64.00	\$21,507.00	\$11,581.00	\$33,088.00
10. 6" PVC SEWER PIPE SDR-26 LONG SIDE SERVICE LEADS, (ALL DEPTHS) MEETING ASTM SPECIFICATIONS D-3034, INCLUDING ALL NECESSARY FITTINGS, AND CEMENT STABILIZED SAND BACKFILL, RISERS, TRENCH SAFETY SYSTEMS, INCLUDING SANITARY SEWER BEDDING AS PER C.O.C. DETAILS, COMPLETE IN PLACE	LF	869	\$38.00	\$23,115.40	\$9,906.60	\$33,022.00	\$36.00	\$20,334.00	\$10,950.00	\$31,284.00
11. 6" PVC SEWER PIPE SDR-26 SHORT SIDE SERVICE LEADS, (ALL DEPTHS) MEETING ASTM SPECIFICATIONS D-3034, INCLUDING ALL NECESSARY FITTINGS, RISERS AND TRENCH SAFETY SYSTEMS, COMPLETE IN PLACE	EA	14	\$298.00	\$2,920.40	\$1,251.60	\$4,172.00	\$550.00	\$5,005.00	\$2,695.00	\$7,700.00
12. TRENCH SAFETY SYSTEM (ALL DEPTHS), COMPLETE IN PLACE	LF	3,242	\$0.01	\$22.69	\$9.73	\$32.42	\$1.00	\$2,107.00	\$1,135.00	\$3,242.00
13. T.V. INSPECTION SANITARY SEWER, ALL SIZES PER C.O.C. REQUIREMENTS AND SPECIFICATIONS, COMPLETE IN PLACE	LF	2,000	\$1.00	\$1,400.00	\$600.00	\$2,000.00	\$0.05	\$65.00	\$35.00	\$100.00
14. PLUG FOR PROPOSED SANITARY SEWER PIPE, ALL SIZES, COMPLETE IN PLACE	EA	2	\$134.00	\$167.60	\$80.40	\$268.00	\$150.00	\$195.00	\$105.00	\$300.00
15. BORE AND JACK FOR 30" STEEL CASING, (DOES NOT STEEL CASING), COMPLETE IN PLACE	LF	181	\$282.00	\$35,729.40	\$15,312.60	\$51,042.00	\$85.00	\$10,000.00	\$5,385.00	\$15,385.00
16. 30" STEEL CASING FOR 18" SANITARY SEWER PIPE, COMPLETE IN PLACE	LF	151	\$86.00	\$9,090.20	\$3,895.80	\$12,986.00	\$180.00	\$17,667.00	\$9,513.00	\$27,180.00
17. CORE INTO EXISTING SANITARY MANHOLE AND CONNECT PROPOSED 18" SANITARY PIPE, COMPLETE IN PLACE	EA	1	\$2,312.00	\$1,618.40	\$693.60	\$2,312.00	\$2,100.00	\$1,365.00	\$735.00	\$2,100.00
18. STANDARD DROP STRUCTURE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,017.00	\$711.90	\$305.10	\$1,017.00	\$500.00	\$325.00	\$175.00	\$500.00
TOTAL DIVISION II - SANITARY SEWER COLLECTION SYSTEM ITEMS				\$193,846.49	\$83,077.07	\$276,923.56		\$200,008.00	\$107,702.40	\$307,710.40

BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
AND DRAINAGE FACILITIES TO SERVE
THE WOODLANDS HILLS
(TWDC - HHC) SECTION 1
DECEMBER 14, 2017
LJA ENGINEERING, INC.
L. BROWN
DECEMBER 14, 2017
0474-0201

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

1) C.E. BARKER, LTD.

2) TEXASITE, LLC

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	MATERIAL	LABOR & EQUIPMENT	TOTAL COST	UNIT COST	MATERIAL	LABOR & EQUIPMENT	TOTAL COST
DIVISION III - DRAINAGE FACILITIES ITEMS										
1. STANDARD TYPE 'C' MANHOLE, COMPLETE IN PLACE	EA	22	\$2,730.00	\$42,042.00	\$18,018.00	\$60,060.00	\$2,400.00	\$34,320.00	\$18,480.00	\$52,800.00
2. STANDARD TYPE 'C' MANHOLE WITH TYPE 'E' INLET TOP, COMPLETE IN PLACE	EA	1	\$3,316.00	\$2,321.20	\$994.80	\$3,316.00	\$2,700.00	\$1,755.00	\$945.00	\$2,700.00
3. REINFORCED CONCRETE PIPE SEWERS (ASTM C-76 CLASS III) INCLUDING STORM SEWER BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND										
3A. 24", ALL DEPTHS, COMPLETE IN PLACE	LF	1,788	\$54.00	\$67,586.40	\$28,965.60	\$96,552.00	\$58.00	\$67,407.00	\$36,297.00	\$103,704.00
3B. 30", ALL DEPTHS, COMPLETE IN PLACE	LF	619	\$71.00	\$30,764.30	\$13,184.70	\$43,949.00	\$72.00	\$28,969.00	\$15,599.00	\$44,568.00
3C. 36", ALL DEPTHS, COMPLETE IN PLACE	LF	35	\$104.00	\$2,548.00	\$1,092.00	\$3,640.00	\$94.00	\$2,138.00	\$1,152.00	\$3,290.00
4. STAGE I - MODIFIED TYPE 'C' REINFORCED CONCRETE PRECAST INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$1,280.00	\$5,376.00	\$2,304.00	\$7,680.00	\$1,000.00	\$3,900.00	\$2,100.00	\$6,000.00
5. STAGE II - MODIFIED TYPE 'C' REINFORCED CONCRETE PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE INLET, COMPLETE IN PLACE	EA	6	\$1,173.00	\$4,926.60	\$2,111.40	\$7,038.00	\$1,000.00	\$3,900.00	\$2,100.00	\$6,000.00
6. STAGE I - MODIFIED TYPE 'C-1' REINFORCED CONCRETE PRECAST INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	8	\$1,493.00	\$8,360.80	\$3,583.20	\$11,944.00	\$1,000.00	\$5,200.00	\$2,800.00	\$8,000.00
7. STAGE II - MODIFIED TYPE 'C-1' REINFORCED CONCRETE PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE INLET, COMPLETE IN PLACE	EA	8	\$1,386.00	\$7,761.60	\$3,326.40	\$11,088.00	\$1,800.00	\$9,360.00	\$5,040.00	\$14,400.00
8. 30" OUTFALL SLOPE PROTECTION NO. 1, INCLUDES RIP-RAP AND 4" CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$3,796.00	\$2,657.20	\$1,138.80	\$3,796.00	\$5,000.00	\$3,260.00	\$1,750.00	\$5,000.00
9. 36" OUTFALL SLOPE PROTECTION NO. 1, INCLUDES RIP-RAP AND 4" CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$3,796.00	\$2,657.20	\$1,138.80	\$3,796.00	\$5,400.00	\$3,510.00	\$1,890.00	\$5,400.00
10. TRENCH SAFETY SYSTEM (ALL DEPTHS), COMPLETE IN PLACE	LF	2,442	\$0.01	\$17.09	\$7.33	\$24.42	\$1.00	\$1,587.00	\$855.00	\$2,442.00
11. EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF OVERFLOW SWALE, COMPLETE IN PLACE	LF	96	\$13.75	\$924.00	\$396.00	\$1,320.00	\$5.00	\$312.00	\$168.00	\$480.00
12. EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF OUTFALL SWALE, COMPLETE IN PLACE	LF	110	\$13.75	\$1,058.75	\$453.75	\$1,512.50	\$9.00	\$644.00	\$346.00	\$990.00
13. STORM WATER POLLUTION PREVENTION PLAN, INCLUDES FILTER FABRIC FENCING, INLET PROTECTION AND CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	LS	1	\$7,246.00	\$5,072.20	\$2,173.80	\$7,246.00	\$4,200.00	\$2,730.00	\$1,470.00	\$4,200.00
14. TYPE 'E' INLET (INCLUDES SILT BARRIER FENCE), COMPLETE IN PLACE	EA	1	\$2,985.00	\$2,089.50	\$895.50	\$2,985.00	\$2,600.00	\$1,690.00	\$910.00	\$2,600.00
15. BREAK INTO EXISTING 'E' INLET AND CONNECT PROPOSED 24" R.C.P., COMPLETE IN PLACE	EA	1	\$1,226.00	\$858.20	\$367.80	\$1,226.00	\$500.00	\$325.00	\$175.00	\$500.00
TOTAL DIVISION III - DRAINAGE FACILITIES ITEMS				\$187,021.04	\$80,151.88	\$267,172.92		\$170,997.00	\$92,077.00	\$263,074.00
DIVISION IV - MISCELLANEOUS ITEMS										
1. WET SAND CONSTRUCTION (AS PER DETAIL), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE OWNER), COMPLETE IN PLACE	LF	1,400 ^{5.00'}	\$5.00	\$4,900.00	\$2,100.00	\$7,000.00	\$5.00	\$4,550.00	\$2,450.00	\$7,000.00
2. DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE OWNER), COMPLETE IN PLACE	LF	1,400 ^{20.00'}	\$20.00	\$19,600.00	\$8,400.00	\$28,000.00	\$20.00	\$18,200.00	\$9,800.00	\$28,000.00
3. EXTRA CLEARING AND GRUBBING, COMPLETE IN PLACE	AC	1 ^{2.000'}	\$2,000.00	\$1,400.00	\$600.00	\$2,000.00	\$2,000.00	\$1,300.00	\$700.00	\$2,000.00
4. BLOCK SODDING, PER SECTION 12 OF SPECIFICATIONS, (TO BE USED ONLY AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	SF	100 ^{0.30'}	\$0.30	\$21.00	\$9.00	\$30.00	\$0.30	\$20.00	\$10.00	\$30.00
5. BROADCAST SEEDING OF RESERVES, COMPLETE IN PLACE	AC	1	\$400.00	\$280.00	\$120.00	\$400.00	\$100.00	\$65.00	\$35.00	\$100.00
6. STRIPPING MINIMUM 4-INCHES OF SURFACE MATERIAL AND HAUL OUTSIDE THIS DEVELOPMENT, COMPLETE IN PLACE	AC	1	\$250.00	\$175.00	\$75.00	\$250.00	\$20.00	\$13.00	\$7.00	\$20.00
7. INCREASE IN CLEARING AND GRUBBING COST TO CHIP AND HAUL OUTSIDE THIS DEVELOPMENT (AT WRITTEN DIRECTION BY THE OWNER), COMPLETE IN PLACE	AC	1 ^{2.000'}	\$2,000.00	\$1,400.00	\$600.00	\$2,000.00	\$2,000.00	\$1,300.00	\$700.00	\$2,000.00
8. HAUL UTILITY SPOILS TO DISPOSAL SITE 'A', (AS PER SHEET 23 OF 28) COMPACTION (95% STANDARD PROCTOR DENSITY WITH 8-INCH LIFTS), AND GRADING OF EXCAVATED DIRT AT DISPOSAL SITE 'A', COMPLETE IN PLACE	LS	1	\$16,952.00	\$11,866.40	\$5,085.60	\$16,952.00	\$9,000.00	\$5,850.00	\$3,150.00	\$9,000.00
9. CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	CY	10	\$30.00	\$210.00	\$90.00	\$300.00	\$22.00	\$143.00	\$77.00	\$220.00
10. DEDUCTION ON STAGE II INLETS (TYPE 'C' AND 'C-1') NOT CONSTRUCTED FOR THIS PROJECT, COMPLETE IN PLACE	EA	1 ^{500.000'}	(\$500.00)	(\$350.00)	(\$150.00)	(\$500.00)	(\$500.00)	(\$325.00)	(\$175.00)	(\$500.00)
TOTAL DIVISION IV - MISCELLANEOUS ITEMS				\$39,502.40	\$16,929.60	\$56,432.00		\$31,116.00	\$16,754.00	\$47,870.00 **

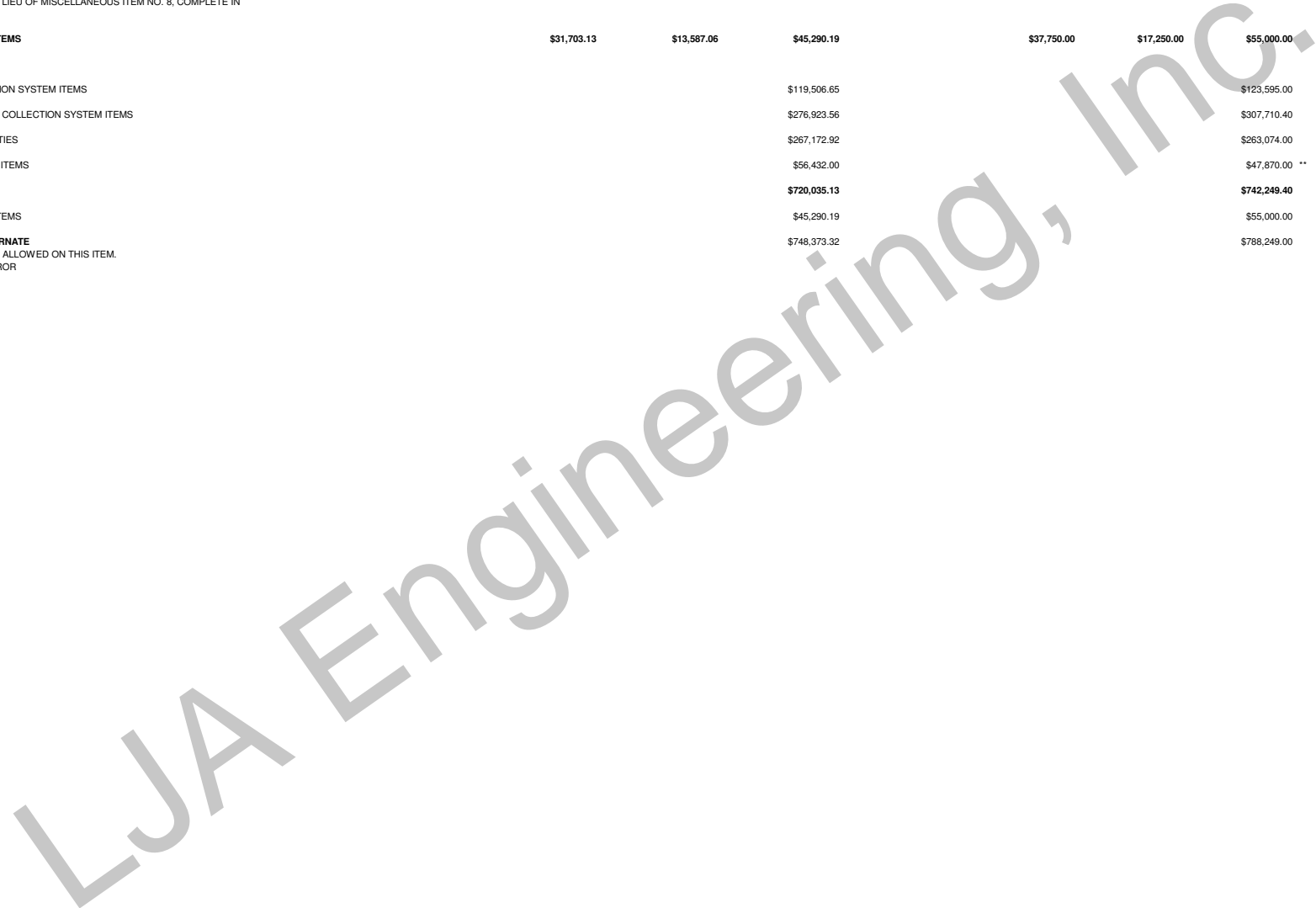
BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
 AND DRAINAGE FACILITIES TO SERVE
 THE WOODLANDS HILLS
 (TWDC - HHC) SECTION 1
 DECEMBER 14, 2017
 LJA ENGINEERING, INC.
 L. BROWN
 DECEMBER 14, 2017
 0474-0201

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

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	1) C.E. BARKER, LTD.			2) TEXASITE, LLC			
				MATERIAL	LABOR & EQUIPMENT	TOTAL COST	MATERIAL	LABOR & EQUIPMENT	TOTAL COST	
DIVISION V - ALTERNATE BID ITEMS										
1. HAUL UTILITY SPOILS (BOTH SUITABLE AND UNSUITABLE MATERIAL), OUTSIDE THIS DEVELOPMENT, TO BE USED IN LIEU OF MISCELLANEOUS ITEM NO. 8, COMPLETE IN PLACE	LS	1	\$45,290.19	\$31,703.13	\$13,587.06	\$45,290.19	\$55,000.00	\$37,750.00	\$17,250.00	\$55,000.00
TOTAL DIVISION V - ALTERNATE BID ITEMS				\$31,703.13	\$13,587.06	\$45,290.19		\$37,750.00	\$17,250.00	\$55,000.00
BID SUMMARY										
TOTAL DIVISION I - WATER DISTRIBUTION SYSTEM ITEMS						\$119,506.65				\$123,595.00
TOTAL DIVISION II - SANITARY SEWER COLLECTION SYSTEM ITEMS						\$276,923.56				\$307,710.40
TOTAL DIVISION III - DRAINAGE FACILITIES						\$267,172.92				\$263,074.00
TOTAL DIVISION IV - MISCELLANEOUS ITEMS						\$56,432.00				\$47,870.00 **
GRAND TOTAL BASE BID						\$720,035.13				\$742,249.40
TOTAL DIVISION III - ALTERNATE BID ITEMS						\$45,290.19				\$55,000.00
TOTAL AMOUNT BID INCLUDING ALTERNATE						\$748,373.32				\$788,249.00

* DENOTES MINIMUM UNIT PRICE ALLOWED ON THIS ITEM.
 ** INDICATES MATHEMATICAL ERROR



BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
AND DRAINAGE FACILITIES TO SERVE
THE WOODLANDS HILLS
(TWDC - HHC) SECTION 1
DECEMBER 14, 2017
LJA ENGINEERING, INC.
L. BROWN
DECEMBER 14, 2017
0474-0201

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

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	3) BAY UTILITIES, LLC			4) R CONSTRUCTION CIVIL, LLC			
				MATERIAL	LABOR & EQUIPMENT	TOTAL COST	UNIT COST	MATERIAL	LABOR & EQUIPMENT	TOTAL COST
DIVISION I - WATER DISTRIBUTION SYSTEM ITEMS										
1. PVC WATER PIPE C-900, DR 18, ALL DEPTHS, INCLUDING FITTINGS, BEDDING AND BACKFILL										
1A. 8-INCH PVC, COMPLETE IN PLACE	LF	2,725	\$14.00	\$29,975.00	\$8,175.00	\$38,150.00	\$18.00	\$29,430.00	\$12,262.50	\$49,050.00
1B. 4-INCH PVC, COMPLETE IN PLACE	LF	840	\$9.00	\$5,040.00	\$2,520.00	\$7,560.00	\$12.00	\$6,048.00	\$2,520.00	\$10,080.00
2. FIRE HYDRANT UNIT (INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD & FIRE HYDRANT AND TRENCH SAFETY), COMPLETE IN PLACE	EA	8	\$2,900.00	\$21,600.00	\$1,600.00	\$23,200.00	\$4,250.00	\$20,400.00	\$8,500.00	\$34,000.00
3. AWWA GATE VALVE & BOX										
3A. 8-INCH PVC, COMPLETE IN PLACE	EA	9	\$900.00	\$8,100.00	\$0.00	\$8,100.00	\$1,050.00	\$5,670.00	\$2,962.50	\$9,450.00
4. TRENCH SAFETY SYSTEM (ALL DEPTHS), COMPLETE IN PLACE	EA	3,565	\$1.00	\$3,565.00	\$0.00	\$3,565.00	\$0.10	\$213.90	\$69.13	\$356.50
5. SHORT SIDE DOUBLE OR SINGLE WATER SERVICE, INCLUDES TRENCH SAFETY, METER BOX, CURB STOP AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	15	\$500.00	\$5,625.00	\$1,875.00	\$7,500.00	\$415.00	\$3,735.00	\$1,556.25	\$6,225.00
6. LONG SIDE DOUBLE OR SINGLE WATER SERVICE, INCLUDES TRENCH SAFETY, METER BOX, CURB STOP AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	11	\$700.00	\$5,225.00	\$2,475.00	\$7,700.00	\$805.00	\$5,313.00	\$2,213.75	\$8,855.00
7. 12"X8" TAPPING SLEEVE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$4,700.00	\$4,200.00	\$500.00	\$4,700.00	\$3,750.00	\$2,250.00	\$987.50	\$3,750.00
8. 8-INCH PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$300.00	\$200.00	\$100.00	\$300.00	\$210.00	\$126.00	\$52.50	\$210.00
9. 2-INCH BLOW OFF VALVE, UNIT AND BOX, COMPLETE IN PLACE	EA	1	\$600.00	\$400.00	\$200.00	\$600.00	\$895.00	\$537.00	\$223.75	\$895.00
TOTAL DIVISION I - WATER DISTRIBUTION SYSTEM ITEMS				\$83,930.00	\$17,445.00	\$101,375.00		\$73,722.90	\$30,717.88	\$122,871.50
DIVISION II - SANITARY SEWER COLLECTION SYSTEM ITEMS										
1. STANDARD 8-FOOT DEPTH SANITARY SEWER MANHOLES, (INCLUDES PRECAST CONCRETE RINGS, FRAME & COVER), COMPLETE IN PLACE	EA	11	\$2,500.00	\$25,300.00	\$2,200.00	\$27,500.00	\$2,930.00	\$19,338.00	\$8,057.50	\$32,230.00
2. 5-FOOT DIAMETER 10-FOOT DEPTH SANITARY SEWER MANHOLES, (INCLUDES PRECAST CONCRETE RINGS, FRAME AND COVER), COMPLETE IN PLACE	EA	12	\$4,700.00	\$52,200.00	\$4,200.00	\$56,400.00	\$4,140.00	\$29,808.00	\$12,420.00	\$49,680.00
3. 5-FOOT DIAMETER 10-FOOT DEPTH SEALED AND BOLTED SANITARY SEWER MANHOLES, (INCLUDES PRECAST CONCRETE RINGS, FRAME AND BOLTED COVER), COMPLETE IN PLACE	EA	1	\$5,600.00	\$5,100.00	\$500.00	\$5,600.00	\$4,780.00	\$2,868.00	\$1,195.00	\$4,780.00
4. EXTRA DEPTH FOR STANDARD SANITARY SEWER MANHOLES (8-FOOT AND OVER), COMPLETE IN PLACE	VF	3.20	\$200.00	\$640.00	\$0.00	\$640.00	\$180.00	\$345.60	\$144.00	\$576.00
5. EXTRA DEPTH FOR 5-FOOT DIAMETER SANITARY SEWER MANHOLES (10-FOOT AND OVER), COMPLETE IN PLACE	VF	42.20	\$300.00	\$12,660.00	\$0.00	\$12,660.00	\$280.00	\$7,089.60	\$2,954.00	\$11,816.00
6. EXTRA DEPTH FOR 5-FOOT DIAMETER SEALED AND BOLTED SANITARY SEWER MANHOLES (10-FOOT AND OVER), COMPLETE IN PLACE	VF	15.54	\$300.00	\$4,662.00	\$0.00	\$4,662.00	\$280.00	\$2,610.72	\$1,087.80	\$4,351.20
7. SDR 26 PVC SEWER PIPE MEETING ASTM SPECIFICATIONS D-3034, INCLUDING SANITARY SEWER, BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND										
7A. 8", 0'-8" DEPTH, COMPLETE IN PLACE	LF	553	\$25.00	\$9,954.00	\$3,871.00	\$13,825.00	\$22.00	\$7,299.60	\$3,041.50	\$12,166.00
7B. 8", 8'-12" DEPTH, COMPLETE IN PLACE	LF	1,208	\$29.00	\$22,952.00	\$12,080.00	\$35,032.00	\$22.00	\$15,945.60	\$6,644.00	\$26,576.00
7C. 8", 12'-16" DEPTH, COMPLETE IN PLACE	LF	761	\$33.00	\$14,459.00	\$10,654.00	\$25,113.00	\$26.00	\$11,871.60	\$4,946.50	\$19,786.00
8. SDR 26 PVC SEWER PIPE MEETING ASTM SPECIFICATIONS D-2241 INCLUDING SANITARY SEWER, BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND										
8A. 8-INCH, 8'-12" DEPTH, COMPLETE IN PLACE	LF	203	\$35.00	\$3,857.00	\$3,248.00	\$7,105.00	\$24.00	\$2,923.20	\$1,218.00	\$4,872.00
9. SDR 26 PVC SEWER PIPE MEETING ASTM SPECIFICATIONS F-679, INCLUDING SANITARY SEWER, BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND										
9A. 18", 20'-24" DEPTH, COMPLETE IN PLACE	LF	517	\$68.00	\$23,265.00	\$11,891.00	\$35,156.00	\$116.00	\$35,983.20	\$14,993.00	\$59,972.00
10. 6" PVC SEWER PIPE SDR-26 LONG SIDE SERVICE LEADS, (ALL DEPTHS) MEETING ASTM SPECIFICATIONS D-3034, INCLUDING ALL NECESSARY FITTINGS, AND CEMENT STABILIZED SAND BACKFILL, RISERS, TRENCH SAFETY SYSTEMS, INCLUDING SANITARY SEWER BEDDING AS PER C.O.C. DETAILS, COMPLETE IN PLACE	LF	869	\$35.00	\$19,987.00	\$10,428.00	\$30,415.00	\$35.00	\$18,249.00	\$7,603.75	\$30,415.00
11. 6" PVC SEWER PIPE SDR-26 SHORT SIDE SERVICE LEADS, (ALL DEPTHS) MEETING ASTM SPECIFICATIONS D-3034, INCLUDING ALL NECESSARY FITTINGS, RISERS AND TRENCH SAFETY SYSTEMS, COMPLETE IN PLACE	EA	14	\$700.00	\$7,000.00	\$2,800.00	\$9,800.00	\$545.00	\$4,578.00	\$1,907.50	\$7,630.00
12. TRENCH SAFETY SYSTEM (ALL DEPTHS), COMPLETE IN PLACE	LF	3,242	\$1.00	\$3,242.00	\$0.00	\$3,242.00	\$0.10	\$194.52	\$81.05	\$324.20
13. T.V. INSPECTION SANITARY SEWER, ALL SIZES PER C.O.C. REQUIREMENTS AND SPECIFICATIONS, COMPLETE IN PLACE	EA	2,000	\$2.00	\$4,000.00	\$0.00	\$4,000.00	\$1.70	\$2,040.00	\$850.00	\$3,400.00
14. PLUG FOR PROPOSED SANITARY SEWER PIPE, ALL SIZES, COMPLETE IN PLACE	EA	2	\$200.00	\$200.00	\$200.00	\$400.00	\$85.00	\$102.00	\$42.50	\$170.00
15. BORE AND JACK FOR 30" STEEL CASING, (DOES NOT STEEL CASING), COMPLETE IN PLACE	LF	181	\$100.00	\$14,118.00	\$3,982.00	\$18,100.00	\$340.00	\$36,924.00	\$15,385.00	\$61,540.00
16. 30" STEEL CASING FOR 18" SANITARY SEWER PIPE, COMPLETE IN PLACE	LF	151	\$130.00	\$18,120.00	\$1,510.00	\$19,630.00	\$43.00	\$3,895.80	\$1,623.25	\$6,493.00
17. CORE INTO EXISTING SANITARY MANHOLE AND CONNECT PROPOSED 18" SANITARY PIPE, COMPLETE IN PLACE	EA	1	\$1,300.00	\$800.00	\$500.00	\$1,300.00	\$1,250.00	\$750.00	\$312.50	\$1,250.00
18. STANDARD DROP STRUCTURE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$400.00	\$600.00	\$1,000.00	\$470.00	\$282.00	\$117.50	\$470.00
TOTAL DIVISION II - SANITARY SEWER COLLECTION SYSTEM ITEMS				\$242,916.00	\$68,664.00	\$311,580.00		\$203,098.44	\$84,624.35	\$338,497.40

BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
AND DRAINAGE FACILITIES TO SERVE
THE WOODLANDS HILLS
(TWDC - HHC) SECTION 1
DECEMBER 14, 2017
LJA ENGINEERING, INC.
L. BROWN
DECEMBER 14, 2017
0474-0201

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

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	3) BAY UTILITIES, LLC			4) R CONSTRUCTION CIVIL, LLC			
				MATERIAL	LABOR & EQUIPMENT	TOTAL COST	UNIT COST	MATERIAL	LABOR & EQUIPMENT	TOTAL COST
DIVISION III - DRAINAGE FACILITIES ITEMS										
1. STANDARD TYPE 'C' MANHOLE, COMPLETE IN PLACE	EA	22	\$2,900.00	\$59,400.00	\$4,400.00	\$63,800.00	\$2,300.00	\$30,360.00	\$12,650.00	\$50,600.00
2. STANDARD TYPE 'C' MANHOLE WITH TYPE 'E' INLET TOP, COMPLETE IN PLACE	EA	1	\$2,800.00	\$2,500.00	\$300.00	\$2,800.00	\$2,585.00	\$1,551.00	\$646.25	\$2,585.00
3. REINFORCED CONCRETE PIPE SEWERS (ASTM C-76 CLASS III) INCLUDING STORM SEWER BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND										
3A. 24", ALL DEPTHS, COMPLETE IN PLACE	LF	1,788	\$50.00	\$76,884.00	\$12,516.00	\$89,400.00	\$55.00	\$59,004.00	\$24,585.00	\$98,340.00
3B. 30", ALL DEPTHS, COMPLETE IN PLACE	LF	619	\$66.00	\$35,902.00	\$4,952.00	\$40,854.00	\$71.00	\$26,369.40	\$10,987.25	\$43,949.00
3C. 36", ALL DEPTHS, COMPLETE IN PLACE	LF	35	\$91.00	\$2,870.00	\$315.00	\$3,185.00	\$91.00	\$1,911.00	\$796.25	\$3,185.00
4. STAGE I - MODIFIED TYPE 'C' REINFORCED CONCRETE PRECAST INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$1,300.00	\$7,050.00	\$750.00	\$7,800.00	\$1,635.00	\$5,886.00	\$2,452.50	\$9,810.00
5. STAGE II - MODIFIED TYPE 'C' REINFORCED CONCRETE PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE INLET, COMPLETE IN PLACE	EA	6	\$1,600.00	\$8,850.00	\$750.00	\$9,600.00	\$1,350.00	\$4,860.00	\$2,025.00	\$8,100.00
6. STAGE I - MODIFIED TYPE 'C-1' REINFORCED CONCRETE PRECAST INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	8	\$1,400.00	\$11,250.00	\$1,350.00	\$11,200.00 **	\$1,825.00	\$8,760.00	\$3,650.00	\$14,600.00
7. STAGE II - MODIFIED TYPE 'C-1' REINFORCED CONCRETE PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE INLET, COMPLETE IN PLACE	EA	8	\$1,900.00	\$15,300.00	\$1,800.00	\$15,200.00 **	\$1,870.00	\$8,976.00	\$3,740.00	\$14,960.00
8. 30" OUTFALL SLOPE PROTECTION NO. 1, INCLUDES RIP-RAP AND 4" CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$4,600.00	\$3,100.00	\$1,500.00	\$4,600.00	\$11,290.00	\$6,774.00	\$2,822.50	\$11,290.00
9. 36" OUTFALL SLOPE PROTECTION NO. 1, INCLUDES RIP-RAP AND 4" CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$4,600.00	\$3,100.00	\$1,500.00	\$4,600.00	\$19,930.00	\$11,958.00	\$4,987.50	\$19,930.00
10. TRENCH SAFETY SYSTEM (ALL DEPTHS), COMPLETE IN PLACE	LF	2,442	\$1.00	\$2,442.00	\$0.00	\$2,442.00	\$0.10	\$146.52	\$61.05	\$244.20
11. EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF OVERFLOW SWALE, COMPLETE IN PLACE	LF	96	\$16.00	\$576.00	\$960.00	\$1,760.00	\$17.00	\$979.20	\$408.00	\$1,632.00
12. EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF OUTFALL SWALE, COMPLETE IN PLACE	LF	110	\$16.00	\$660.00	\$1,100.00	\$1,760.00	\$20.00	\$1,320.00	\$550.00	\$2,200.00
13. STORM WATER POLLUTION PREVENTION PLAN, INCLUDES FILTER FABRIC FENCING, INLET PROTECTION AND CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	LS	1	\$4,600.00	\$2,500.00	\$2,100.00	\$4,600.00	\$12,630.00	\$7,578.00	\$3,157.50	\$12,630.00
14. TYPE 'E' INLET (INCLUDES SILT BARRIER FENCE), COMPLETE IN PLACE	EA	1	\$20.00	\$3,845.00	\$11,535.00	\$20.00 **	\$3,050.00	\$1,830.00	\$762.50	\$3,050.00
15. BREAK INTO EXISTING 'E' INLET AND CONNECT PROPOSED 24" R.C.P., COMPLETE IN PLACE	EA	1	\$12,000.00	\$9,900.00	\$2,100.00	\$12,000.00	\$500.00	\$300.00	\$125.00	\$500.00
TOTAL DIVISION III - DRAINAGE FACILITIES ITEMS				\$246,129.00	\$47,928.00	\$275,387.00		\$178,563.12	\$74,406.30	\$297,605.20
DIVISION IV - MISCELLANEOUS ITEMS										
1. WET SAND CONSTRUCTION (AS PER DETAIL), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE OWNER), COMPLETE IN PLACE	LF	1,400 ^{5.00'}	\$5.00	\$4,200.00	\$2,800.00	\$7,000.00	\$5.00	\$4,200.00	\$1,750.00	\$7,000.00
2. DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE OWNER), COMPLETE IN PLACE	LF	1,400 ^{20.00'}	\$25.00	\$35,000.00	\$0.00	\$35,000.00	\$20.00	\$16,800.00	\$7,000.00	\$28,000.00
3. EXTRA CLEARING AND GRUBBING, COMPLETE IN PLACE	AC	1 ^{2,000'}	\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$2,000.00	\$1,200.00	\$500.00	\$2,000.00
4. BLOCK SODDING, PER SECTION 12 OF SPECIFICATIONS, (TO BE USED ONLY AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	SF	100 ^{0.30'}	\$0.30	\$30.00	\$0.00	\$30.00	\$0.30	\$18.00	\$7.50	\$30.00
5. BROADCAST SEEDING OF RESERVES, COMPLETE IN PLACE	AC	1	\$650.00	\$650.00	\$0.00	\$650.00	\$600.00	\$360.00	\$150.00	\$600.00
6. STRIPPING MINIMUM 4-INCHES OF SURFACE MATERIAL AND HAUL OUTSIDE THIS DEVELOPMENT, COMPLETE IN PLACE	AC	1	\$2,300.00	\$2,000.00	\$300.00	\$2,300.00	\$550.00	\$330.00	\$137.50	\$550.00
7. INCREASE IN CLEARING AND GRUBBING COST TO CHIP AND HAUL OUTSIDE THIS DEVELOPMENT (AT WRITTEN DIRECTION BY THE OWNER), COMPLETE IN PLACE	AC	1 ^{2,000'}	\$4,000.00	\$0.00	\$4,000.00	\$4,000.00	\$3,850.00	\$2,310.00	\$962.50	\$3,850.00
8. HAUL UTILITY SPOILS TO DISPOSAL SITE 'A', (AS PER SHEET 23 OF 28) COMPACTION (95% STANDARD PROCTOR DENSITY WITH 8-INCH LIFTS), AND GRADING OF EXCAVATED DIRT AT DISPOSAL SITE 'A', COMPLETE IN PLACE	LS	1	\$18,000.00	\$13,500.00	\$4,500.00	\$18,000.00	\$21,920.00	\$13,152.00	\$5,480.00	\$21,920.00
9. CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	CY	10	\$26.78	\$267.80	\$0.00	\$267.80	\$20.00	\$120.00	\$50.00	\$200.00
10. DEDUCTION ON STAGE II INLETS (TYPE 'C' AND 'C-1') NOT CONSTRUCTED FOR THIS PROJECT, COMPLETE IN PLACE	EA	1 ^{500.00'}	(\$500.00)	(\$500.00)	\$0.00	(\$500.00)	(\$500.00)	(\$300.00)	(\$125.00)	(\$500.00)
TOTAL DIVISION IV - MISCELLANEOUS ITEMS				\$55,147.80	\$13,600.00	\$68,747.80		\$38,190.00	\$15,912.50	\$63,650.00

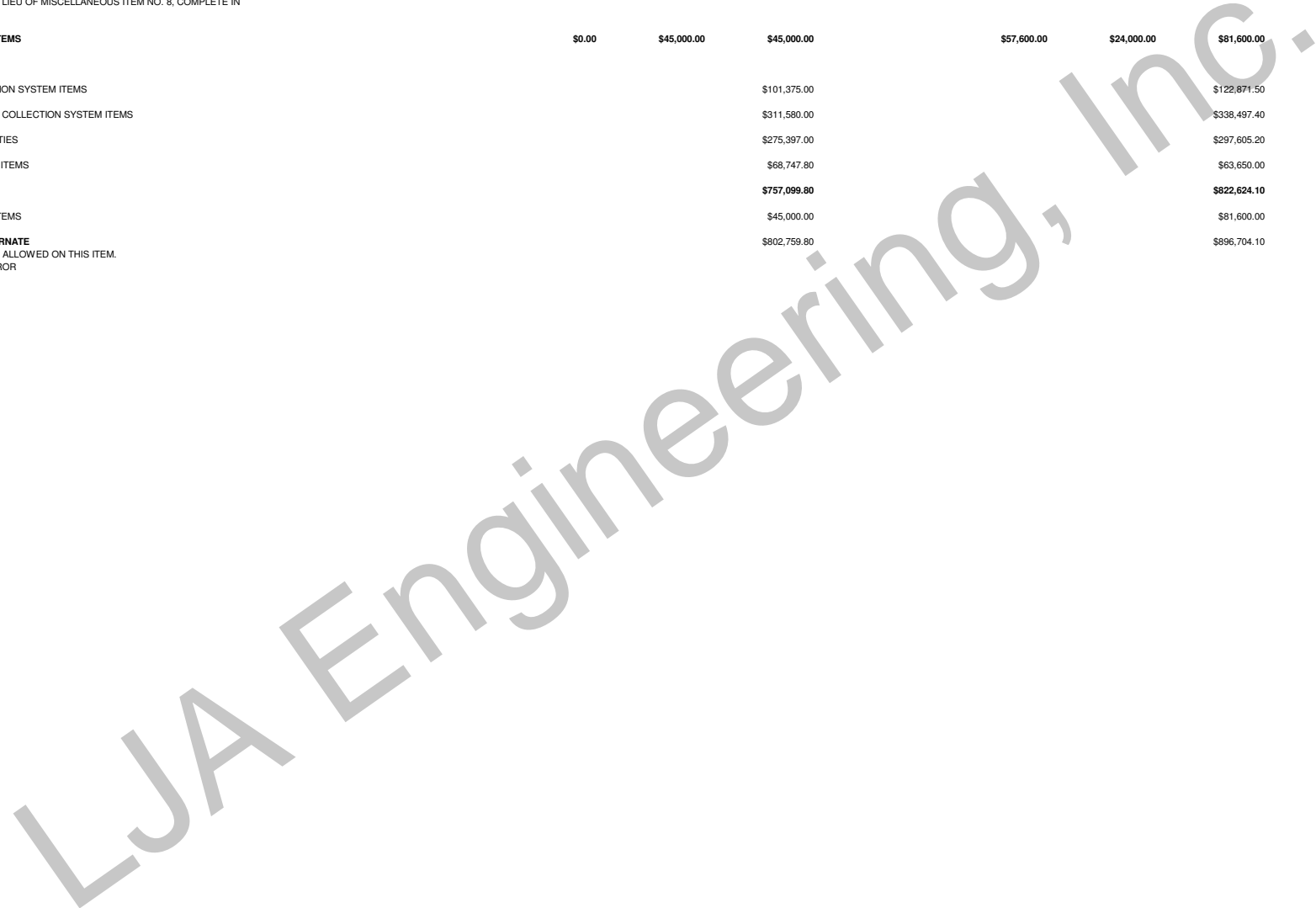
BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
 AND DRAINAGE FACILITIES TO SERVE
 THE WOODLANDS HILLS
 (TWDC - HHC) SECTION 1
 DECEMBER 14, 2017
 LJA ENGINEERING, INC.
 L. BROWN
 DECEMBER 14, 2017
 0474-0201

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

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	3) BAY UTILITIES, LLC			4) R CONSTRUCTION CIVIL, LLC			
				MATERIAL	LABOR & EQUIPMENT	TOTAL COST	UNIT COST	MATERIAL	LABOR & EQUIPMENT	TOTAL COST
DIVISION V - ALTERNATE BID ITEMS										
1. HAUL UTILITY SPOILS (BOTH SUITABLE AND UNSUITABLE MATERIAL), OUTSIDE THIS DEVELOPMENT, TO BE USED IN LIEU OF MISCELLANEOUS ITEM NO. 8, COMPLETE IN PLACE	LS	1	\$45,000.00	\$0.00	\$45,000.00	\$45,000.00	\$96,000.00	\$57,600.00	\$24,000.00	\$96,000.00
TOTAL DIVISION V - ALTERNATE BID ITEMS				\$0.00	\$45,000.00	\$45,000.00		\$57,600.00	\$24,000.00	\$81,600.00
BID SUMMARY										
TOTAL DIVISION I - WATER DISTRIBUTION SYSTEM ITEMS						\$101,375.00				\$122,871.50
TOTAL DIVISION II - SANITARY SEWER COLLECTION SYSTEM ITEMS						\$311,580.00				\$338,497.40
TOTAL DIVISION III - DRAINAGE FACILITIES						\$275,397.00				\$297,605.20
TOTAL DIVISION IV - MISCELLANEOUS ITEMS						\$68,747.80				\$63,650.00
GRAND TOTAL BASE BID						\$757,099.80				\$822,624.10
TOTAL DIVISION III - ALTERNATE BID ITEMS						\$45,000.00				\$81,600.00
TOTAL AMOUNT BID INCLUDING ALTERNATE						\$802,759.80				\$896,704.10

* DENOTES MINIMUM UNIT PRICE ALLOWED ON THIS ITEM.
 ** INDICATES MATHEMATICAL ERROR



BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
AND DRAINAGE FACILITIES TO SERVE
THE WOODLANDS HILLS
(TWDC - HHC) SECTION 1
DECEMBER 14, 2017
LJA ENGINEERING, INC.
L. BROWN
DECEMBER 14, 2017
0474-0201

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

5) PRINCIPAL SERVICES, LTD.

6) MONARCH CIVIL CONSTRUCTORS, LLC

ITEM	DESCRIPTION	UNIT	QTY												
DIVISION I - WATER DISTRIBUTION SYSTEM ITEMS															
1.	PVC WATER PIPE C-900, DR 18, ALL DEPTHS, INCLUDING FITTINGS, BEDDING AND BACKFILL														
1A.	8-INCH PVC, COMPLETE IN PLACE	LF	2,725	\$21.00	\$46,325.00	\$10,900.00	\$57,225.00	\$22.00	\$32,967.00	\$26,983.00	\$59,950.00				
1B.	4-INCH PVC, COMPLETE IN PLACE	LF	840	\$18.00	\$11,760.00	\$3,360.00	\$15,120.00	\$20.00	\$8,691.00	\$8,109.00	\$16,800.00				
2.	FIRE HYDRANT UNIT (INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD & FIRE HYDRANT AND TRENCH SAFETY), COMPLETE IN PLACE	EA	8	\$3,400.00	\$25,200.00	\$2,000.00	\$27,200.00	\$4,093.00	\$24,206.00	\$8,538.00	\$32,744.00				
3.	AWWA GATE VALVE & BOX														
3A.	8-INCH PVC, COMPLETE IN PLACE	EA	9	\$1,100.00	\$9,450.00	\$450.00	\$9,900.00	\$1,294.00	\$8,743.00	\$2,903.00	\$11,646.00				
4.	TRENCH SAFETY SYSTEM (ALL DEPTHS), COMPLETE IN PLACE	LF	3,565	\$0.10	\$178.25	\$178.25	\$356.50	\$0.01	\$0.00	\$35.65	\$35.65				
5.	SHORT SIDE DOUBLE OR SINGLE WATER SERVICE, INCLUDES TRENCH SAFETY, METER BOX, CURB STOP AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	15	\$590.00	\$4,350.00	\$4,500.00	\$8,850.00	\$526.00	\$4,449.00	\$3,441.00	\$7,890.00				
6.	LONG SIDE DOUBLE OR SINGLE WATER SERVICE, INCLUDES TRENCH SAFETY, METER BOX, CURB STOP AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	11	\$870.00	\$5,170.00	\$4,400.00	\$9,570.00	\$796.00	\$4,320.00	\$4,436.00	\$8,756.00				
7.	12"X8" TAPPING SLEEVE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$4,000.00	\$3,350.00	\$650.00	\$4,000.00	\$4,697.00	\$3,096.00	\$1,601.00	\$4,697.00				
8.	8-INCH PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$250.00	\$200.00	\$50.00	\$250.00	\$313.00	\$219.00	\$94.00	\$313.00				
9.	2-INCH BLOW OFF VALVE, UNIT AND BOX, COMPLETE IN PLACE	EA	1	\$1,300.00	\$1,150.00	\$150.00	\$1,300.00	\$1,832.00	\$1,261.00	\$571.00	\$1,832.00				
TOTAL DIVISION I - WATER DISTRIBUTION SYSTEM ITEMS					\$107,133.25	\$26,638.25	\$133,771.50		\$87,952.00	\$56,711.65	\$144,663.65				
DIVISION II - SANITARY SEWER COLLECTION SYSTEM ITEMS															
1.	STANDARD 8-FOOT DEPTH SANITARY SEWER MANHOLES, (INCLUDES PRECAST CONCRETE RINGS, FRAME & COVER), COMPLETE IN PLACE	EA	11	\$2,890.00	\$28,490.00	\$3,300.00	\$31,790.00	\$3,565.00	\$23,498.00	\$15,717.00	\$39,215.00				
2.	5-FOOT DIAMETER 10-FOOT DEPTH SANITARY SEWER MANHOLES, (INCLUDES PRECAST CONCRETE RINGS, FRAME AND COVER), COMPLETE IN PLACE	EA	12	\$3,550.00	\$39,000.00	\$3,600.00	\$42,600.00	\$5,328.00	\$42,446.00	\$21,490.00	\$63,936.00				
3.	5-FOOT DIAMETER 10-FOOT DEPTH SEALED AND BOLTED SANITARY SEWER MANHOLES, (INCLUDES PRECAST CONCRETE RINGS, FRAME AND BOLTED COVER), COMPLETE IN PLACE	EA	1	\$3,600.00	\$3,300.00	\$300.00	\$3,600.00	\$5,328.00	\$3,537.00	\$1,791.00	\$5,328.00				
4.	EXTRA DEPTH FOR STANDARD SANITARY SEWER MANHOLES (8-FOOT AND OVER), COMPLETE IN PLACE	VF	3.20	\$225.00	\$560.00	\$160.00	\$720.00	\$224.00	\$559.00	\$157.80	\$716.80				
5.	EXTRA DEPTH FOR 5-FOOT DIAMETER SANITARY SEWER MANHOLES (10-FOOT AND OVER), COMPLETE IN PLACE	VF	42.20	\$346.00	\$12,491.20	\$2,110.00	\$14,601.20	\$359.00	\$11,817.00	\$3,332.80	\$15,149.80				
6.	EXTRA DEPTH FOR 5-FOOT DIAMETER SEALED AND BOLTED SANITARY SEWER MANHOLES (10-FOOT AND OVER), COMPLETE IN PLACE	VF	15.54	\$346.00	\$4,559.84	\$777.00	\$5,376.84	\$359.00	\$4,351.00	\$1,227.86	\$5,578.86				
7.	SDR 26 PVC SEWER PIPE MEETING ASTM SPECIFICATIONS D-3034, INCLUDING SANITARY SEWER, BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND														
7A.	8", 0'-8" DEPTH, COMPLETE IN PLACE	LF	553	\$21.00	\$8,295.00	\$3,318.00	\$11,613.00	\$29.00	\$7,983.00	\$8,054.00	\$16,037.00				
7B.	8", 8'-12" DEPTH, COMPLETE IN PLACE	LF	1,208	\$22.00	\$18,120.00	\$8,456.00	\$26,576.00	\$32.00	\$18,319.00	\$20,337.00	\$38,656.00				
7C.	8", 12'-16" DEPTH, COMPLETE IN PLACE	LF	761	\$28.00	\$9,893.00	\$11,415.00	\$21,308.00	\$43.00	\$10,986.00	\$21,737.00	\$32,723.00				
8.	SDR 26 PVC SEWER PIPE MEETING ASTM SPECIFICATIONS D-2241 INCLUDING SANITARY SEWER, BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND														
8A.	8-INCH, 8'-12" DEPTH, COMPLETE IN PLACE	LF	203	\$23.00	\$3,045.00	\$1,624.00	\$4,669.00	\$31.00	\$2,943.00	\$3,350.00	\$6,293.00				
9.	SDR 26 PVC SEWER PIPE MEETING ASTM SPECIFICATIONS F-679, INCLUDING SANITARY SEWER, BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND														
9A.	18", 20'-24" DEPTH, COMPLETE IN PLACE	LF	517	\$180.00	\$41,360.00	\$51,700.00	\$93,060.00	\$127.00	\$21,265.00	\$44,394.00	\$65,659.00				
10.	6" PVC SEWER PIPE SDR-26 LONG SIDE SERVICE LEADS, (ALL DEPTHS) MEETING ASTM SPECIFICATIONS D-3034, INCLUDING ALL NECESSARY FITTINGS, AND CEMENT STABILIZED SAND BACKFILL, RISERS, TRENCH SAFETY SYSTEMS, INCLUDING SANITARY SEWER BEDDING AS PER C.O.C. DETAILS, COMPLETE IN PLACE	LF	869	\$35.00	\$25,201.00	\$5,214.00	\$30,415.00	\$30.00	\$15,126.00	\$10,944.00	\$26,070.00				
11.	6" PVC SEWER PIPE SDR-26 SHORT SIDE SERVICE LEADS, (ALL DEPTHS) MEETING ASTM SPECIFICATIONS D-3034, INCLUDING ALL NECESSARY FITTINGS, RISERS AND TRENCH SAFETY SYSTEMS, COMPLETE IN PLACE	EA	14	\$550.00	\$3,500.00	\$4,200.00	\$7,700.00	\$591.00	\$4,860.00	\$3,414.00	\$8,274.00				
12.	TRENCH SAFETY SYSTEM (ALL DEPTHS), COMPLETE IN PLACE	LF	3,242	\$0.10	\$162.10	\$162.10	\$324.20	\$0.01	\$0.00	\$32.42	\$32.42				
13.	T.V. INSPECTION SANITARY SEWER, ALL SIZES PER C.O.C. REQUIREMENTS AND SPECIFICATIONS, COMPLETE IN PLACE	LF	2,000	\$1.75	\$500.00	\$3,000.00	\$500.00	\$3.00	\$0.00	\$6,000.00	\$2,000.00				
14.	PLUG FOR PROPOSED SANITARY SEWER PIPE, ALL SIZES, COMPLETE IN PLACE	EA	2	\$115.00	\$130.00	\$100.00	\$230.00	\$27.00	\$42.00	\$12.00	\$54.00				
15.	BORE AND JACK FOR 30" STEEL CASING, (DOES NOT STEEL CASING), COMPLETE IN PLACE	LF	181	\$380.00	\$32,580.00	\$36,200.00	\$68,780.00	\$195.00	\$0.00	\$35,295.00	\$35,295.00				
16.	30" STEEL CASING FOR 18" SANITARY SEWER PIPE, COMPLETE IN PLACE	LF	151	\$237.00	\$32,012.00	\$3,775.00	\$35,787.00	\$139.00	\$16,356.00	\$4,633.00	\$20,989.00				
17.	CORE INTO EXISTING SANITARY MANHOLE AND CONNECT PROPOSED 18" SANITARY PIPE, COMPLETE IN PLACE	EA	1	\$5,900.00	\$1,900.00	\$4,000.00	\$1,900.00	\$2,306.00	\$506.00	\$1,800.00	\$2,306.00				
18.	STANDARD DROP STRUCTURE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$950.00	\$800.00	\$150.00	\$950.00	\$456.00	\$240.00	\$216.00	\$456.00				
TOTAL DIVISION II - SANITARY SEWER COLLECTION SYSTEM ITEMS					\$265,699.14	\$143,561.10	\$409,504.24		\$184,834.00	\$203,934.88	\$388,768.88				

BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
AND DRAINAGE FACILITIES TO SERVE
THE WOODLANDS HILLS
(TWDC - HHG) SECTION 1
DECEMBER 14, 2017
LJA ENGINEERING, INC.
L. BROWN
DECEMBER 14, 2017
0474-0201

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

5) PRINCIPAL SERVICES, LTD.

6) MONARCH CIVIL CONSTRUCTORS, LLC

ITEM DESCRIPTION	UNIT	QTY									
DIVISION III - DRAINAGE FACILITIES ITEMS											
1. STANDARD TYPE 'C' MANHOLE, COMPLETE IN PLACE	EA	22	\$2,250.00	\$42,900.00	\$6,600.00	\$49,500.00	\$3,390.00	\$45,521.00	\$29,059.00	\$74,580.00	
2. STANDARD TYPE 'C' MANHOLE WITH TYPE 'E' INLET TOP, COMPLETE IN PLACE	EA	1	\$2,600.00	\$2,300.00	\$300.00	\$2,600.00	\$3,890.00	\$2,459.00	\$1,431.00	\$3,890.00	
3. REINFORCED CONCRETE PIPE SEWERS (ASTM C-76 CLASS III) INCLUDING STORM SEWER BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND											
3A. 24", ALL DEPTHS, COMPLETE IN PLACE	LF	1,788	\$43.00	\$66,156.00	\$10,728.00	\$76,884.00	\$80.00	\$94,360.00	\$48,680.00	\$143,040.00	
3B. 30", ALL DEPTHS, COMPLETE IN PLACE	LF	619	\$65.00	\$35,902.00	\$4,333.00	\$40,235.00	\$100.00	\$42,450.00	\$19,450.00	\$61,900.00	
3C. 36", ALL DEPTHS, COMPLETE IN PLACE	LF	35	\$80.00	\$2,450.00	\$350.00	\$2,800.00	\$142.00	\$3,467.00	\$1,503.00	\$4,970.00	
4. STAGE I - MODIFIED TYPE 'C' REINFORCED CONCRETE PRECAST INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$1,900.00	\$9,900.00	\$1,500.00	\$11,400.00	\$3,711.00	\$13,918.00	\$8,348.00	\$22,266.00	
5. STAGE II - MODIFIED TYPE 'C' REINFORCED CONCRETE PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE INLET, COMPLETE IN PLACE	EA	6	\$1,800.00	\$8,400.00	\$2,400.00	\$10,800.00	\$756.00	\$608.00	\$3,928.00	\$4,536.00	
6. STAGE I - MODIFIED TYPE 'C-1' REINFORCED CONCRETE PRECAST INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	8	\$2,050.00	\$14,400.00	\$2,000.00	\$16,400.00	\$4,589.00	\$24,037.00	\$12,675.00	\$36,712.00	
7. STAGE II - MODIFIED TYPE 'C-1' REINFORCED CONCRETE PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE INLET, COMPLETE IN PLACE	EA	8	\$1,750.00	\$10,800.00	\$3,200.00	\$14,000.00	\$1,094.00	\$2,920.00	\$5,832.00	\$8,752.00	
8. 30" OUTFALL SLOPE PROTECTION NO. 1, INCLUDES RIP-RAP AND 4" CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$3,000.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,902.00	\$2,257.00	\$1,654.00	\$3,902.00	
9. 36" OUTFALL SLOPE PROTECTION NO. 1, INCLUDES RIP-RAP AND 4" CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$3,200.00	\$11,700.00	\$1,500.00	\$3,200.00	\$3,902.00	\$2,257.00	\$1,645.00	\$3,902.00	
10. TRENCH SAFETY SYSTEM (ALL DEPTHS), COMPLETE IN PLACE	LF	2,442	\$0.10	\$122.10	\$122.10	\$244.20	\$0.01	\$0.00	\$24.00	\$24.42	
11. EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF OVERFLOW SWALE, COMPLETE IN PLACE	LF	96	\$6.00	\$288.00	\$288.00	\$576.00	\$18.00	\$737.00	\$991.00	\$1,728.00	
12. EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF OUTFALL SWALE, COMPLETE IN PLACE	LF	110	\$10.50	\$495.00	\$660.00	\$1,155.00	\$17.00	\$737.00	\$1,133.00	\$1,870.00	
13. STORM WATER POLLUTION PREVENTION PLAN, INCLUDES FILTER FABRIC FENCING, INLET PROTECTION AND CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	LS	1	\$750.00	\$375.00	\$375.00	\$750.00	\$8,106.00	\$6,327.00	\$1,779.00	\$8,106.00	
14. TYPE 'E' INLET (INCLUDES SILT BARRIER FENCE), COMPLETE IN PLACE	EA	1	\$3,400.00	\$2,800.00	\$600.00	\$3,400.00	\$4,185.00	\$2,690.00	\$1,495.00	\$4,185.00	
15. BREAK INTO EXISTING 'E' INLET AND CONNECT PROPOSED 24" R.C.P., COMPLETE IN PLACE	EA	1	\$500.00	\$100.00	\$400.00	\$500.00	\$804.00	\$103.00	\$701.00	\$804.00	
TOTAL DIVISION III - DRAINAGE FACILITIES ITEMS				\$210,588.10	\$36,856.10	\$237,444.20		\$244,848.00	\$140,328.00	\$385,167.42	
DIVISION IV - MISCELLANEOUS ITEMS											
1. WET SAND CONSTRUCTION (AS PER DETAIL), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE OWNER), COMPLETE IN PLACE	LF	1,400 ^{5.00'}	\$5.00	\$7,000.00	\$0.00	\$7,000.00	\$5.00	\$7,000.00	\$0.00	\$7,000.00	
2. DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE OWNER), COMPLETE IN PLACE	LF	1,400 ^{20.00'}	\$20.00	\$21,000.00	\$7,000.00	\$28,000.00	\$20.00	\$0.00	\$28,000.00	\$28,000.00	
3. EXTRA CLEARING AND GRUBBING, COMPLETE IN PLACE	AC	1 ^{2,000'}	\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$7,000.00	\$0.00	\$7,000.00	\$7,000.00	
4. BLOCK SODDING, PER SECTION 12 OF SPECIFICATIONS, (TO BE USED ONLY AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	SF	100 ^{0.30'}	\$0.50	\$40.00	\$10.00	\$50.00	\$0.65	\$50.00	\$15.00	\$65.00	
5. BROADCAST SEEDING OF RESERVES, COMPLETE IN PLACE	AC	1	\$550.00	\$400.00	\$150.00	\$550.00	\$700.00	\$550.00	\$150.00	\$700.00	
6. STRIPPING MINIMUM 4-INCHES OF SURFACE MATERIAL AND HAUL OUTSIDE THIS DEVELOPMENT, COMPLETE IN PLACE	AC	1	\$250.00	\$0.00	\$250.00	\$250.00	\$724.00	\$0.00	\$724.00	\$724.00	
7. INCREASE IN CLEARING AND GRUBBING COST TO CHIP AND HAUL OUTSIDE THIS DEVELOPMENT (AT WRITTEN DIRECTION BY THE OWNER), COMPLETE IN PLACE	AC	1 ^{2,000'}	\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$7,000.00	\$0.00	\$7,000.00	\$7,000.00	
8. HAUL UTILITY SPOILS TO DISPOSAL SITE 'A', (AS PER SHEET 23 OF 28) COMPACTION (95% STANDARD PROCTOR DENSITY WITH 8-INCH LIFTS), AND GRADING OF EXCAVATED DIRT AT DISPOSAL SITE 'A', COMPLETE IN PLACE	LS	1	\$30,200.00	\$0.00	\$30,200.00	\$30,200.00	\$16,463.00	\$0.00	\$16,463.00	\$16,463.00	
9. CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	CY	10	\$10.00	\$100.00	\$0.00	\$100.00	\$42.00	\$420.00	\$0.00	\$420.00	
10. DEDUCTION ON STAGE II INLETS (TYPE 'C' AND 'C-1') NOT CONSTRUCTED FOR THIS PROJECT, COMPLETE IN PLACE	EA	1 ^{500.000'}	(\$500.00)	\$0.00	(\$500.00)	(\$500.00)	\$500.00	\$500.00	\$0.00	\$500.00	
TOTAL DIVISION IV - MISCELLANEOUS ITEMS				\$28,540.00	\$41,110.00	\$69,650.00		\$8,520.00	\$59,352.00	\$67,872.00	

BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
 AND DRAINAGE FACILITIES TO SERVE
 THE WOODLANDS HILLS
 (TWDC - HHC) SECTION 1
 DECEMBER 14, 2017
 LJA ENGINEERING, INC.
 L. BROWN
 DECEMBER 14, 2017
 0474-0201

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

ITEM DESCRIPTION	UNIT	QTY	5) PRINCIPAL SERVICES, LTD.				6) MONARCH CIVIL CONSTRUCTORS, LLC			
DIVISION V - ALTERNATE BID ITEMS										
1. HAUL UTILITY SPOILS (BOTH SUITABLE AND UNSUITABLE MATERIAL), OUTSIDE THIS DEVELOPMENT, TO BE USED IN LIEU OF MISCELLANEOUS ITEM NO. 8, COMPLETE IN PLACE	LS	1	\$139,300.00	\$0.00	\$139,300.00	\$139,300.00	\$53,989.00	\$0.00	\$53,989.00	\$53,989.00
TOTAL DIVISION V - ALTERNATE BID ITEMS				\$0.00	\$139,300.00	\$139,300.00		\$0.00	\$53,989.00	\$53,989.00
BID SUMMARY										
TOTAL DIVISION I - WATER DISTRIBUTION SYSTEM ITEMS						\$133,771.50	\$144,663.65			
TOTAL DIVISION II - SANITARY SEWER COLLECTION SYSTEM ITEMS						\$409,500.24	\$388,768.88			
TOTAL DIVISION III - DRAINAGE FACILITIES						\$237,444.20	\$385,167.42			
TOTAL DIVISION IV - MISCELLANEOUS ITEMS						\$69,650.00	\$67,872.00			
GRAND TOTAL BASE BID						\$950,365.94	\$986,471.95			
TOTAL DIVISION III - ALTERNATE BID ITEMS						\$139,300.00	\$53,989.00			
TOTAL AMOUNT BID INCLUDING ALTERNATE						\$959,465.94	\$1,023,997.95			
* DENOTES MINIMUM UNIT PRICE ALLOWED ON THIS ITEM.										
** INDICATES MATHEMATICAL ERROR										

LJA Engineering, Inc.

BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
AND DRAINAGE FACILITIES TO SERVE
THE WOODLANDS HILLS
(TWDC - HHC) SECTION 1
DECEMBER 14, 2017
LJA ENGINEERING, INC.
L. BROWN
DECEMBER 14, 2017
0474-0201

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

7) PRECISE SERVICES, INC.

8) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM DESCRIPTION	UNIT	QTY	7) PRECISE SERVICES, INC.				8) BLAZEY CONSTRUCTION SERVICES, LLC			
DIVISION I - WATER DISTRIBUTION SYSTEM ITEMS										
1. PVC WATER PIPE C-900, DR 18, ALL DEPTHS, INCLUDING FITTINGS, BEDDING AND BACKFILL										
1A. 8-INCH PVC, COMPLETE IN PLACE	LF	2,725	\$22.65	\$9,854.78	\$51,866.47	\$61,721.25	\$29.20	\$36,000.00	\$43,570.00	\$79,570.00
1B. 4-INCH PVC, COMPLETE IN PLACE	LF	840	\$20.50	\$3,818.41	\$13,401.59	\$17,220.00	\$28.00	\$10,000.00	\$13,520.00	\$23,520.00
2. FIRE HYDRANT UNIT (INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD & FIRE HYDRANT AND TRENCH SAFETY), COMPLETE IN PLACE	EA	8	\$4,050.00	\$454.00	\$31,946.00	\$32,400.00	\$4,265.00	\$26,600.00	\$7,520.00	\$34,120.00
3. AWWA GATE VALVE & BOX										
3A. 8-INCH PVC, COMPLETE IN PLACE	EA	9	\$1,650.00	\$510.75	\$14,339.25	\$14,850.00	\$1,270.00	\$11,430.00	\$0.00	\$11,430.00
4. TRENCH SAFETY SYSTEM (ALL DEPTHS), COMPLETE IN PLACE	LF	3,965	\$0.10	\$0.00	\$396.50	\$396.50	\$0.90	\$0.00	\$3,208.50	\$3,208.50
5. SHORT SIDE DOUBLE OR SINGLE WATER SERVICE, INCLUDES TRENCH SAFETY, METER BOX, CURB STOP AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	15	\$600.00	\$1,254.96	\$7,745.04	\$9,000.00	\$800.00	\$5,000.00	\$7,000.00	\$12,000.00
6. LONG SIDE DOUBLE OR SINGLE WATER SERVICE, INCLUDES TRENCH SAFETY, METER BOX, CURB STOP AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	11	\$1,100.00	\$2,651.61	\$9,448.39	\$12,100.00	\$1,030.00	\$4,000.00	\$7,330.00	\$11,330.00
7. 12"X8" TAPPING SLEEVE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$4,250.00	\$56.75	\$4,193.25	\$4,250.00	\$6,300.00	\$3,500.00	\$2,800.00	\$6,300.00
8. 8-INCH PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$380.00	\$54.25	\$325.75	\$380.00	\$235.00	\$235.00	\$0.00	\$235.00
9. 2-INCH BLOW OFF VALVE, UNIT AND BOX, COMPLETE IN PLACE	EA	1	\$1,600.00	\$54.25	\$1,545.75	\$1,600.00	\$1,029.00	\$700.00	\$329.00	\$1,029.00
TOTAL DIVISION I - WATER DISTRIBUTION SYSTEM ITEMS				\$18,709.76	\$135,167.99	\$153,877.75		\$97,465.00	\$85,277.50	\$182,742.50
DIVISION II - SANITARY SEWER COLLECTION SYSTEM ITEMS										
1. STANDARD 8-FOOT DEPTH SANITARY SEWER MANHOLES, (INCLUDES PRECAST CONCRETE RINGS, FRAME & COVER), COMPLETE IN PLACE	EA	11	\$3,200.00	\$25,426.60	\$9,773.40	\$35,200.00	\$2,550.00	\$20,000.00	\$8,050.00	\$28,050.00
2. 5-FOOT DIAMETER 10-FOOT DEPTH SANITARY SEWER MANHOLES, (INCLUDES PRECAST CONCRETE RINGS, FRAME AND COVER), COMPLETE IN PLACE	EA	12	\$5,400.00	\$46,825.92	\$17,974.08	\$64,800.00	\$4,960.00	\$44,000.00	\$15,520.00	\$59,520.00
3. 5-FOOT DIAMETER 10-FOOT DEPTH SEALED AND BOLTED SANITARY SEWER MANHOLES, (INCLUDES PRECAST CONCRETE RINGS, FRAME AND BOLTED COVER), COMPLETE IN PLACE	EA	1	\$6,100.00	\$4,511.06	\$1,588.94	\$6,100.00	\$5,280.00	\$4,000.00	\$1,280.00	\$5,280.00
4. EXTRA DEPTH FOR STANDARD SANITARY SEWER MANHOLES (8-FOOT AND OVER), COMPLETE IN PLACE	VF	3.20	\$190.00	\$496.00	\$112.00	\$608.00	\$250.00	\$500.00	\$300.00	\$800.00
5. EXTRA DEPTH FOR 5-FOOT DIAMETER SANITARY SEWER MANHOLES (10-FOOT AND OVER), COMPLETE IN PLACE	VF	42.20	\$315.00	\$10,761.00	\$2,532.00	\$13,293.00	\$375.00	\$11,000.00	\$4,825.00	\$15,825.00
6. EXTRA DEPTH FOR 5-FOOT DIAMETER SEALED AND BOLTED SANITARY SEWER MANHOLES (10-FOOT AND OVER), COMPLETE IN PLACE	VF	15.54	\$315.00	\$3,962.70	\$932.40	\$4,895.10	\$375.00	\$4,000.00	\$1,827.50	\$5,827.50
7. SDR 26 PVC SEWER PIPE MEETING ASTM SPECIFICATIONS D-3034, INCLUDING SANITARY SEWER, BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND										
7A. 8", 0'-8" DEPTH, COMPLETE IN PLACE	LF	553	\$30.00	\$4,940.04	\$11,649.96	\$16,590.00	\$26.25	\$5,000.00	\$9,516.25	\$14,516.25
7B. 8", 8'-12" DEPTH, COMPLETE IN PLACE	LF	1,208	\$31.85	\$10,748.62	\$27,726.18	\$38,474.80	\$29.40	\$10,000.00	\$25,515.20	\$35,515.20
7C. 8", 12'-16" DEPTH, COMPLETE IN PLACE	LF	761	\$31.85	\$6,764.59	\$17,453.26	\$24,237.85	\$34.65	\$6,600.00	\$19,768.65	\$26,368.65
8. SDR 26 PVC SEWER PIPE MEETING ASTM SPECIFICATIONS D-2241 INCLUDING SANITARY SEWER, BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND										
8A. 8-INCH, 8'-12" DEPTH, COMPLETE IN PLACE	LF	203	\$31.00	\$1,836.22	\$4,456.78	\$6,293.00	\$30.00	\$1,800.00	\$4,290.00	\$6,090.00
9. SDR 26 PVC SEWER PIPE MEETING ASTM SPECIFICATIONS F-679, INCLUDING SANITARY SEWER, BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND										
9A. 18", 20'-24" DEPTH, COMPLETE IN PLACE	LF	517	\$85.00	\$6,847.14	\$37,097.86	\$43,945.00	\$270.00	\$21,000.00	\$118,590.00	\$139,590.00
10. 6" PVC SEWER PIPE SDR-26 LONG SIDE SERVICE LEADS, (ALL DEPTHS) MEETING ASTM SPECIFICATIONS D-3034, INCLUDING ALL NECESSARY FITTINGS, AND CEMENT STABILIZED SAND BACKFILL, RISERS, TRENCH SAFETY SYSTEMS, INCLUDING SANITARY SEWER BEDDING AS PER C.O.C. DETAILS, COMPLETE IN PLACE	LF	869	\$50.00	\$19,481.20	\$23,968.80	\$43,450.00	\$47.00	\$20,000.00	\$20,843.00	\$40,843.00
11. 6" PVC SEWER PIPE SDR-26 SHORT SIDE SERVICE LEADS, (ALL DEPTHS) MEETING ASTM SPECIFICATIONS D-3034, INCLUDING ALL NECESSARY FITTINGS, RISERS AND TRENCH SAFETY SYSTEMS, COMPLETE IN PLACE	EA	14	\$745.00	\$1,921.53	\$8,508.47	\$10,430.00	\$700.00	\$3,600.00	\$6,200.00	\$9,800.00
12. TRENCH SAFETY SYSTEM (ALL DEPTHS), COMPLETE IN PLACE	LF	3,242	\$0.10	\$0.00	\$324.20	\$324.20	\$0.90	\$0.00	\$2,917.80	\$2,917.80
13. T.V. INSPECTION SANITARY SEWER, ALL SIZES PER C.O.C. REQUIREMENTS AND SPECIFICATIONS, COMPLETE IN PLACE	LF	2,000	\$3.10	\$0.00	\$6,200.00	\$6,200.00	\$1.60	\$0.00	\$3,200.00	\$3,200.00
14. PLUG FOR PROPOSED SANITARY SEWER PIPE, ALL SIZES, COMPLETE IN PLACE	EA	2	\$190.00	\$0.00	\$380.00	\$380.00	\$30.00	\$60.00	\$0.00	\$60.00
15. BORE AND JACK FOR 30" STEEL CASING, (DOES NOT STEEL CASING), COMPLETE IN PLACE	LF	181	\$245.00	\$0.00	\$44,345.00	\$44,345.00	\$1,810.00	\$150,000.00	\$177,610.00	\$327,610.00
16. 30" STEEL CASING FOR 18" SANITARY SEWER PIPE, COMPLETE IN PLACE	LF	151	\$140.00	\$0.00	\$21,140.00	\$21,140.00	\$80.00	\$1,000.00	\$11,080.00	\$12,080.00
17. CORE INTO EXISTING SANITARY MANHOLE AND CONNECT PROPOSED 18" SANITARY PIPE, COMPLETE IN PLACE	EA	1	\$975.00	\$0.00	\$975.00	\$975.00	\$1,100.00	\$0.00	\$1,100.00	\$1,100.00
18. STANDARD DROP STRUCTURE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$735.00	\$0.00	\$735.00	\$735.00	\$650.00	\$400.00	\$250.00	\$650.00
TOTAL DIVISION II - SANITARY SEWER COLLECTION SYSTEM ITEMS				\$144,542.62	\$237,873.33	\$382,415.95		\$302,960.00	\$432,683.40	\$735,643.40

BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
AND DRAINAGE FACILITIES TO SERVE
THE WOODLANDS HILLS
(TWDC - HHC) SECTION 1
DECEMBER 14, 2017
LJA ENGINEERING, INC.
L. BROWN
DECEMBER 14, 2017
0474-0201

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

7) PRECISE SERVICES, INC.

8) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM DESCRIPTION	UNIT	QTY									
DIVISION III - DRAINAGE FACILITIES ITEMS											
1. STANDARD TYPE 'C' MANHOLE, COMPLETE IN PLACE	EA	22	\$3,200.00	\$50,873.69	\$19,526.31	\$70,400.00	\$3,200.00	\$53,000.00	\$17,400.00	\$70,400.00	\$70,400.00
2. STANDARD TYPE 'C' MANHOLE WITH TYPE 'E' INLET TOP, COMPLETE IN PLACE	EA	1	\$3,700.00	\$2,719.62	\$980.38	\$3,700.00	\$3,370.00	\$2,500.00	\$870.00	\$3,370.00	\$3,370.00
3. REINFORCED CONCRETE PIPE SEWERS (ASTM C-76 CLASS III) INCLUDING STORM SEWER BEDDING AS PER C.O.C. DETAILS, BACKFILL AND CEMENT STABILIZED SAND											
3A. 24", ALL DEPTHS, COMPLETE IN PLACE	LF	1,788	\$76.00	\$82,521.07	\$53,366.93	\$135,888.00	\$80.40	\$93,500.00	\$50,255.20	\$143,755.20	\$143,755.20
3B. 30", ALL DEPTHS, COMPLETE IN PLACE	LF	619	\$93.00	\$37,725.84	\$19,841.16	\$57,567.00	\$101.30	\$42,600.00	\$20,104.70	\$62,704.70	\$62,704.70
3C. 36", ALL DEPTHS, COMPLETE IN PLACE	LF	35	\$123.00	\$2,901.00	\$1,404.00	\$4,305.00	\$145.00	\$3,500.00	\$1,575.00	\$5,075.00	\$5,075.00
4. STAGE I - MODIFIED TYPE 'C' REINFORCED CONCRETE PRECAST INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$2,050.00	\$8,226.24	\$4,073.76	\$12,300.00	\$1,580.00	\$6,700.00	\$2,780.00	\$9,480.00	\$9,480.00
5. STAGE II - MODIFIED TYPE 'C' REINFORCED CONCRETE PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE INLET, COMPLETE IN PLACE	EA	6	\$1,700.00	\$7,103.16	\$3,096.84	\$10,200.00	\$1,370.00	\$5,800.00	\$2,420.00	\$8,220.00	\$8,220.00
6. STAGE I - MODIFIED TYPE 'C-1' REINFORCED CONCRETE PRECAST INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	8	\$2,200.00	\$12,442.33	\$5,157.67	\$17,600.00	\$1,780.00	\$9,200.00	\$5,040.00	\$14,240.00	\$14,240.00
7. STAGE II - MODIFIED TYPE 'C-1' REINFORCED CONCRETE PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE INLET, COMPLETE IN PLACE	EA	8	\$2,300.00	\$13,464.88	\$4,935.12	\$18,400.00	\$2,520.00	\$14,500.00	\$5,660.00	\$20,160.00	\$20,160.00
8. 30" OUTFALL SLOPE PROTECTION NO. 1, INCLUDES RIP-RAP AND 4" CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$8,000.00	\$3,337.23	\$4,662.77	\$8,000.00	\$3,250.00	\$1,200.00	\$2,050.00	\$3,250.00	\$3,250.00
9. 36" OUTFALL SLOPE PROTECTION NO. 1, INCLUDES RIP-RAP AND 4" CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$9,000.00	\$3,337.23	\$5,662.77	\$9,000.00	\$3,250.00	\$1,200.00	\$2,050.00	\$3,250.00	\$3,250.00
10. TRENCH SAFETY SYSTEM (ALL DEPTHS), COMPLETE IN PLACE	LF	2,442	\$0.10	\$0.00	\$244.20	\$244.20	\$0.90	\$0.00	\$2,197.80	\$2,197.80	\$2,197.80
11. EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF OVERFLOW SWALE, COMPLETE IN PLACE	LF	96	\$18.00	\$0.48	\$1,727.52	\$1,728.00	\$20.00	\$0.00	\$1,920.00	\$1,920.00	\$1,920.00
12. EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF OUTFALL SWALE, COMPLETE IN PLACE	LF	110	\$18.00	\$0.55	\$1,980.00	\$1,980.00	\$20.00	\$0.00	\$2,200.00	\$2,200.00	\$2,200.00
13. STORM WATER POLLUTION PREVENTION PLAN, INCLUDES FILTER FABRIC FENCING, INLET PROTECTION AND CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	LS	1	\$2,500.00	\$0.00	\$2,500.00	\$2,500.00	\$7,100.00	\$3,000.00	\$4,100.00	\$7,100.00	\$7,100.00
14. TYPE 'E' INLET (INCLUDES SILT BARRIER FENCE), COMPLETE IN PLACE	EA	1	\$4,000.00	\$2,940.25	\$1,059.75	\$4,000.00	\$3,100.00	\$2,400.00	\$700.00	\$3,100.00	\$3,100.00
15. BREAK INTO EXISTING 'E' INLET AND CONNECT PROPOSED 24" R.C.P., COMPLETE IN PLACE	EA	1	\$430.00	\$7.50	\$422.50	\$430.00	\$400.00	\$0.00	\$400.00	\$400.00	\$400.00
TOTAL DIVISION III - DRAINAGE FACILITIES ITEMS				\$227,601.07	\$130,641.68	\$358,242.20		\$239,100.00	\$121,722.70	\$360,822.70	\$360,822.70
DIVISION IV - MISCELLANEOUS ITEMS											
1. WET SAND CONSTRUCTION (AS PER DETAIL), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE OWNER), COMPLETE IN PLACE	LF	1,400 ^{5.00'}	\$8.00	\$11,200.00	\$0.00	\$11,200.00	\$7.00	\$0.00	\$9,800.00	\$9,800.00	\$9,800.00
2. DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE OWNER), COMPLETE IN PLACE	LF	1,400 ^{20.00'}	\$28.00	\$0.00	\$39,200.00	\$39,200.00	\$20.00	\$0.00	\$28,000.00	\$28,000.00	\$28,000.00
3. EXTRA CLEARING AND GRUBBING, COMPLETE IN PLACE	AC	1 ^{2,000'}	\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$2,000.00
4. BLOCK SODDING, PER SECTION 12 OF SPECIFICATIONS, (TO BE USED ONLY AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	SF	100 ^{0.30'}	\$1.00	\$0.00	\$100.00	\$100.00	\$0.30	\$30.00	\$0.00	\$30.00	\$30.00
5. BROADCAST SEEDING OF RESERVES, COMPLETE IN PLACE	AC	1	\$750.00	\$0.00	\$750.00	\$750.00	\$650.00	\$500.00	\$150.00	\$650.00	\$650.00
6. STRIPPING MINIMUM 4-INCHES OF SURFACE MATERIAL AND HAUL OUTSIDE THIS DEVELOPMENT, COMPLETE IN PLACE	AC	1	\$6,500.00	\$5.35	\$6,494.65	\$6,500.00	\$750.00	\$0.00	\$750.00	\$750.00	\$750.00
7. INCREASE IN CLEARING AND GRUBBING COST TO CHIP AND HAUL OUTSIDE THIS DEVELOPMENT (AT WRITTEN DIRECTION BY THE OWNER), COMPLETE IN PLACE	AC	1 ^{2,000'}	\$5,500.00	\$0.00	\$5,500.00	\$5,500.00	\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$2,000.00
8. HAUL UTILITY SPOILS TO DISPOSAL SITE 'A', (AS PER SHEET 23 OF 28), COMPACTION (95% STANDARD PROCTOR DENSITY WITH 8-INCH LIFTS), AND GRADING OF EXCAVATED DIRT AT DISPOSAL SITE 'A', COMPLETE IN PLACE	LS	1	\$39,500.00	\$71.10	\$39,428.90	\$39,500.00	\$650.00	\$0.00	\$650.00	\$650.00	\$650.00
9. CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	CY	10	\$40.00	\$325.00	\$75.00	\$400.00	\$30.00	\$300.00	\$0.00	\$300.00	\$300.00
10. DEDUCTION ON STAGE II INLETS (TYPE 'C' AND 'C-1') NOT CONSTRUCTED FOR THIS PROJECT, COMPLETE IN PLACE	EA	1 ^{500.00'}	(\$500.00)	(\$500.00)	\$0.00	(\$500.00)	(\$500.00)	(\$500.00)	\$0.00	(\$500.00)	(\$500.00)
TOTAL DIVISION IV - MISCELLANEOUS ITEMS				\$11,101.45	\$93,548.55	\$104,650.00		\$330.00	\$43,350.00	\$43,680.00	\$43,680.00

BID TABULATION FOR:

WATER DISTRIBUTION SYSTEM, SANITARY SEWER COLLECTION SYSTEM
 AND DRAINAGE FACILITIES TO SERVE
 THE WOODLANDS HILLS
 (TWDC - HHC) SECTION 1
 DECEMBER 14, 2017
 LJA ENGINEERING, INC.
 L. BROWN
 DECEMBER 14, 2017
 0474-0201

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

ITEM DESCRIPTION	UNIT	QTY	7) PRECISE SERVICES, INC.				8) BLAZEY CONSTRUCTION SERVICES, LLC					
DIVISION V - ALTERNATE BID ITEMS												
1. HAUL UTILITY SPOILS (BOTH SUITABLE AND UNSUITABLE MATERIAL), OUTSIDE THIS DEVELOPMENT, TO BE USED IN LIEU OF MISCELLANEOUS ITEM NO. 8, COMPLETE IN PLACE	LS	1	\$78,000.00	\$71.10	\$77,928.90	\$78,000.00	\$60,000.00	\$0.00	\$60,000.00	\$60,000.00		
TOTAL DIVISION V - ALTERNATE BID ITEMS				\$71.10	\$77,928.90	\$78,000.00		\$0.00	\$60,000.00	\$60,000.00		
BID SUMMARY												
TOTAL DIVISION I - WATER DISTRIBUTION SYSTEM ITEMS						\$153,877.75						\$182,742.50
TOTAL DIVISION II - SANITARY SEWER COLLECTION SYSTEM ITEMS						\$382,415.95						\$735,643.40
TOTAL DIVISION III - DRAINAGE FACILITIES						\$358,242.20						\$360,822.70
TOTAL DIVISION IV - MISCELLANEOUS ITEMS						\$104,650.00						\$43,680.00
GRAND TOTAL BASE BID						\$999,185.90						\$1,322,888.60
TOTAL DIVISION III - ALTERNATE BID ITEMS						\$78,000.00						\$60,000.00
TOTAL AMOUNT BID INCLUDING ALTERNATE						\$1,077,185.90						\$1,382,888.60

* DENOTES MINIMUM UNIT PRICE ALLOWED ON THIS ITEM.
 ** INDICATES MATHEMATICAL ERROR

