

BID TABULATION FOR:

CONSTRUCTION OF THE WATER DISTRIBUTION, SANITARY SEWER, & DRAINAGE FACILITIES
TO SERVE GOOSE CREEK SECTION 4
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 459
CITY OF BAYTOWN, HARRIS COUNTY, TEXAS
FEBRUARY 21, 2019
LJA ENGINEERING, INC.
C. DURHAM
FEBRUARY 22, 2019
1931-7714A (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT
1) TEXASITE, LLC	\$1,230,382.59
2) R CONSTRUCTION CIVIL, LLC	\$1,258,319.10
3) FELLERS AND CLARK, L.P.	\$1,320,000.00
4) BLAZEY CONSTRUCTION SERVICES, LLC	\$1,457,260.00

CALENDAR DAYS - 80/90

Melony Gay

I, Melony F. Gay, P.E., hereby certify these bid tabulations to be true and correct.



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 FEBRUARY 21, 2019
 LJA ENGINEERING, INC.
 C. DURHAM
 FEBRUARY 22, 2019
 1931-7714A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) TEXASITE, LLC		2) R CONSTRUCTION CIVIL, LLC		3) FELLERS AND CLARK, L.P.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS									
1.	6" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1,294	\$16.00	\$20,704.00	\$15.00	\$19,410.00	\$19.35	\$25,038.90
2.	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1,094	\$21.00	\$22,974.00	\$20.00	\$21,880.00	\$19.80	\$21,661.20
3.	12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	797	\$33.00	\$26,301.00	\$30.00	\$23,910.00	\$29.35	\$23,391.95
4.	EXISTING 12" P.V.C. WATER PIPE, TO BE ADJUSTED TO PROPOSED ELEVATIONS, ALL DEPTHS, COMPLETE IN PLACE	LF	200	\$15.00	\$3,000.00	\$19.00	\$3,800.00	\$64.25	\$12,850.00
5.	EXISTING 12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, TO BE REMOVED AND DISPOSED OF, ALL DEPTHS, COMPLETE IN PLACE	LF	13	\$20.00	\$260.00	\$50.00	\$650.00	\$26.20	\$340.60
6.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6' LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	8	\$4,500.00	\$36,000.00	\$4,500.00	\$36,000.00	\$4,680.00	\$37,440.00
7.	EXISTING FIRE HYDRANT UNIT TO BE ADJUSTED TO APPROPRIATE ELEVATION PER PROPOSED PAVEMENT, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$1.00	\$2.00	\$500.00	\$1,000.00
8.	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$1,000.00	\$6,000.00	\$800.00	\$4,800.00	\$1,215.00	\$7,290.00
9.	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	4	\$1,400.00	\$5,600.00	\$1,200.00	\$4,800.00	\$1,615.00	\$6,460.00
10.	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	3	\$2,600.00	\$7,800.00	\$2,200.00	\$6,600.00	\$2,835.00	\$8,505.00
11.	12" PLUG & CLAMP, COMPLETE IN PLACE	EA	1	\$400.00	\$400.00	\$300.00	\$300.00	\$300.00	\$300.00
12.	2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$400.00	\$400.00	\$500.00	\$500.00
13.	CAST IRON FITTINGS WITH RESTRAINED JOINTS AS NEEDED, COMPLETE IN PLACE	TON	1.4	\$6,600.00	\$9,240.00	\$5,500.00	\$7,700.00	\$1.00	\$1.40
14.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,355	\$1.00	\$3,355.00	\$0.10	\$335.50	\$0.10	\$335.50
15.	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, ALL SIZES, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	4	\$500.00	\$2,000.00	\$250.00	\$1,000.00	\$430.00	\$1,720.00
16.	REMOVE AND DISPOSE EXISTING PLUG & CLAMP, INCLUDES ALL ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$30.00	\$30.00	\$200.00	\$200.00	\$430.00	\$430.00
17.	REMOVE EXISTING 12"x12" CROSS FITTING AND REPLACE WITH 12"x12" TEE, INCLUDING ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$800.00	\$800.00	\$1,730.00	\$1,730.00
18.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GBI PARTNERS, LP, 713.995.1306, COMPLETE IN PLACE	LS	1	\$15,930.00	\$15,930.00	\$15,930.00	\$15,930.00	\$15,930.00	\$15,930.00
SUBTOTAL WATER SYSTEM ITEMS					\$183,594.00		\$148,517.50		\$184,924.55
SANITARY SEWER ITEMS									
1.	8" P.V.C. SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	1,611	\$34.00	\$54,774.00	\$24.00	\$38,664.00	\$41.80	\$67,339.80
2.	10" P.V.C. SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	197	\$40.00	\$7,880.00	\$27.00	\$5,319.00	\$46.85	\$9,229.45
3.	18" P.V.C. SEWER PIPE, AWWA C905, DR 25, 8' - 12', COMPLETE IN PLACE	LF	1,211	\$62.00	\$75,082.00	\$57.00	\$69,027.00	\$78.15	\$94,639.65

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ITEM	DESCRIPTION	UNIT	QTY	1) TEXASITE, LLC		2) R CONSTRUCTION CIVIL, LLC		3) FELLERS AND CLARK, L.P.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, ALL CONCRETE SHALL BE 3,000 PSI @ 28 DAYS AND MIXED WITH XYPEX (PINK) ADMIN C-1000 OR ACCEPTABLE EQUIVALENT, COMPLETE IN PLACE	EA	24	\$3,000.00	\$72,000.00	\$2,600.00	\$62,400.00	\$2,845.00	\$68,280.00
5.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	24	\$1.00	\$24.00	\$1.00	\$24.00	\$45.00	\$1,080.00
6.	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	17.21	\$300.00	\$5,163.00	\$170.00	\$2,925.70	\$215.00	\$3,700.15
7.	SHORT SIDE SINGLE 4" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER WYE, PLUG MARKER, TRENCH SAFETY, AND ANY NECESSARY FITTINGS, ETC., (AS PER DETAIL ON SHEET 4), COMPLETE IN PLACE	EA	51	\$1,000.00	\$51,000.00	\$1,300.00	\$66,300.00	\$1,735.00	\$88,485.00
8.	LONG SIDE SINGLE 4" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER WYE, PLUG, MARKER AND ANY NECESSARY FITTINGS, ETC., (AS PER DETAIL ON SHEET 4), COMPLETE IN PLACE	LF	1,916	\$36.00	\$68,976.00	\$35.00	\$67,060.00	\$41.65	\$79,801.40
9.	DEWATERING PER LF OF PIPE FOR SANITARY SEWER (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3,019	\$25.00	\$75,475.00	\$25.00	\$75,475.00	\$25.00	\$75,475.00
10.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	3,019	\$0.01	\$30.19	\$1.80	\$5,434.20	\$5.95	\$17,963.05
11.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,019	\$1.00	\$3,019.00	\$0.10	\$301.90	\$0.10	\$301.90
12.	CORE INTO EXISTING MANHOLE AND CONNECT PROPOSED SANITARY SEWER PIPE, ALL SIZES, ALL DEPTHS, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS OR FITTINGS COMPLETE IN PLACE	EA	1	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00	\$1,310.00	\$1,310.00
13.	REMOVE AND DISPOSE EXISTING PLUG, CONNECT PROPOSED SEWER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$200.00	\$200.00	\$430.00	\$430.00
14.	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' - 3' DEPTH), COMPLETE IN PLACE	EA	4	\$600.00	\$2,400.00	\$1,400.00	\$5,600.00	\$725.00	\$2,900.00
SUBTOTAL SANITARY SEWER ITEMS					\$417,723.19		\$399,730.80		\$510,935.40
DRAINAGE FACILITIES ITEMS									
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,986	\$66.00	\$131,076.00	\$70.00	\$139,020.00	\$64.65	\$128,394.90
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,007	\$89.00	\$89,623.00	\$92.00	\$92,644.00	\$77.25	\$77,790.75
3.	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	438	\$150.00	\$65,700.00	\$152.00	\$66,576.00	\$130.85	\$57,312.30
4.	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	373	\$250.00	\$93,250.00	\$279.00	\$104,067.00	\$222.90	\$83,141.70
5.	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	21	\$1,300.00	\$27,300.00	\$1,100.00	\$23,100.00	\$775.00	\$16,275.00
6.	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	21	\$1,300.00	\$27,300.00	\$1,300.00	\$27,300.00	\$1,430.00	\$30,030.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7.	STAGE I - STANDARD PRECAST INLET TYPE "C-1," ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	8	\$1,300.00	\$10,400.00	\$1,400.00	\$11,200.00	\$800.00	\$6,400.00
8.	STAGE II - STANDARD PRECAST INLET TYPE "C-1," (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	8	\$2,100.00	\$16,800.00	\$1,700.00	\$13,600.00	\$1,785.00	\$14,280.00
9.	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	18	\$3,500.00	\$63,000.00	\$3,000.00	\$54,000.00	\$2,790.00	\$50,220.00
10.	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,800.00	\$9,600.00	\$5,900.00	\$11,800.00	\$2,975.00	\$5,950.00
11.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER WITH TYPE "E" INLET TOP, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$5,900.00	\$5,900.00	\$3,570.00	\$3,570.00
12.	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$4,500.00	\$18,000.00	\$7,300.00	\$29,200.00	\$8,785.00	\$35,140.00
13.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	25	\$1.00	\$25.00	\$1.00	\$25.00	\$45.00	\$1,125.00
14.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,804	\$1.00	\$3,804.00	\$0.10	\$380.40	\$0.10	\$380.40
15.	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$600.00	\$600.00	\$310.00	\$310.00
16.	OVERFLOW DRAINAGE SWALE, INCLUDE SOD FOR EROSION CONTROL, COMPLETE IN PLACE	SY	168	\$10.00	\$1,680.00	\$9.00	\$1,512.00	\$24.80	\$4,166.40
17.	MISCELLANEOUS DRAINAGE SWALES, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2,000	\$2.00	\$4,000.00	\$2.00	\$4,000.00	\$5.95	\$11,900.00
18.	4" CONCRETE SLOPE PAVING WITH 2' MINIMUM TOE WALLS ALL AROUND, 2' CLAY LINER BELOW ALL SLOPE PAVING AND EXPANSION JOINTS, COMPLETE IN PLACE	SY	70	\$80.00	\$5,600.00	\$110.00	\$7,700.00	\$107.10	\$7,497.00
19.	RIP RAP, COMPLETE IN PLACE	SY	42	\$65.00	\$2,730.00	\$91.00	\$3,822.00	\$75.00	\$3,150.00
20.	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOILS TO BE USED AS LOT FILL PER THE GRADING PLAN, INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTING TO 95% STANDARD PROCTOR DENSITY WITH MAX 8" LIFTS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	5,709	\$1.00	\$5,709.00	\$3.00	\$17,127.00	\$4.45	\$25,405.05
21.	COFFER DAM, INCLUDING INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00	\$4,000.00	\$8,000.00	\$5,950.00	\$11,900.00
22.	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, ON EXISTING INLETS (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	3	\$50.00	\$150.00	\$100.00	\$300.00	\$60.00	\$180.00
23.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$1,785.00	\$1,785.00
24.	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
25.	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, FOR PROPERTY BOUNDARY, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4,574	\$1.60	\$7,318.40	\$1.60	\$7,318.40	\$1.60	\$7,318.40

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26.	REMOVE AND DISPOSE OF EXISTING E-INLET AND PIPE AS NEEDED, AND INSTALL 8" BRICK PLUG ON EXISTING STORM, AS NEEDED, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$2,800.00	\$2,800.00	\$1,190.00	\$1,190.00
27.	TYPE "E" INLET FOR SWALE DRAINAGE, ALL DEPTHS, INCLUDES SILT BARRIER FENCE, COMPLETE IN PLACE	EA	3	\$2,100.00	\$6,300.00	\$4,100.00	\$12,300.00	\$2,675.00	\$8,025.00
28.	HYDROMULCH SEEDING OF SIDE SLOPES OF DETENTION POND WHERE OUTFALLS WERE INSTALLED UNTIL GRASS IS FULLY ESTABLISHED, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	SY	320	\$5.00	\$1,600.00	\$7.00	\$2,240.00	\$5.20	\$1,664.00
29.	REMOVE AND REPLACE EXISTING LANDSCAPING, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LS	1	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
30.	LIGHT CLEARING AND GRUBBING FOR INSTALLATION OF UTILITIES, TO INCLUDE ROOT RAKING, COMPLETE IN PLACE	AC	3.78	\$100.00	\$378.00	\$4,000.00	\$15,120.00	\$595.00	\$2,249.10
31.	EXISTING LAKE HIGHBANK AND SIDE SLOPES AT LAKE OUTFALL TO GOOSE CREEK TO BE REESTABLISHED USING GEOTEXTILE FIBERS, GRASS, AND HAY TO REESTABLISH 90% GRASS GROWTH, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	2,100	\$10.00	\$21,000.00	\$5.00	\$10,500.00	\$1.45	\$3,045.00
32.	EXISTING SIDEWALK TO BE REMOVED AND REPLACED, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	25	\$100.00	\$2,500.00	\$105.00	\$2,625.00	\$83.30	\$2,082.50
33.	SPOILS FROM EXISTING WASHOUT ON LAKE TO BE HAULED OFFSITE TO BE DISPOSED OF (THIS QUANTITY IS NOT TO BE OVERRUN), COMPLETE IN PLACE	CY	1,100	\$5.00	\$5,500.00	\$11.00	\$12,100.00	\$11.90	\$13,090.00
34.	WATER, SANITARY SEWER AND STORM SEWER UTILITY SPOILS TO BE USED TO REESTABLISH PREVIOUSLY WASHED OUT LAKE SIDE SLOPES, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAX 8" LIFTS, TO BE DONE PRIOR TO LOT FILL, AT DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	CY	1,100	\$2.00	\$2,200.00	\$4.00	\$4,400.00	\$5.35	\$5,885.00
35.	HYDROMULCH SEEDING OF REESTABLISHED LAKE SIDE SLOPE AND HIGHBANK UNTIL 90% GRASS GROWTH, COMPLETE IN PLACE	SY	260	\$5.00	\$1,300.00	\$5.00	\$1,300.00	\$11.90	\$3,094.00
36.	STREET CLEANING OF ALL ADJACENT SECTIONS, AS NEEDED, PER DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	DAY	10	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$180.00	\$1,800.00
37.	PROPOSED SWALE TO BE EXCAVATED IN FUTURE SECTION 5, TO BE GRADED TO STM. M.H.D-15B, TO INCLUDE HYDROMULCH, SPOILS TO BE SPREAD ACROSS FUTURE SECTION TO NOT BLOCK DRAINAGE TO SWALE, COMPLETE IN PLACE	CY	286	\$7.00	\$2,002.00	\$4.00	\$1,144.00	\$14.60	\$4,175.60
38.	SOD ALONG PROPOSED SIDEWALK, COMPLETE IN PLACE	LF	50	\$10.00	\$500.00	\$11.00	\$550.00	\$29.75	\$1,487.50
39.	REESTABLISH EXISTING IRRIGATION SYSTEM, AT DIRECTION OF THE ENGINEER AND TBG, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$4,000.00	\$4,000.00	\$2,975.00	\$2,975.00
40.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$20.00	\$20.00	\$600.00	\$600.00	\$755.45	\$755.45
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$649,065.40		\$710,070.80		\$644,140.05
BID SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS					\$163,594.00		\$148,517.50		\$164,924.55
SUBTOTAL SANITARY SEWER ITEMS					\$417,723.19		\$399,730.80		\$510,935.40
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$649,065.40		\$710,070.80		\$644,140.05
TOTAL AMOUNT BID					\$1,230,382.59		\$1,258,319.10		\$1,320,000.00

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4) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS					
1.	6" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1,294	\$20.00	\$25,880.00
2.	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1,094	\$24.00	\$26,256.00
3.	12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	797	\$36.00	\$28,692.00
4.	EXISTING 12" P.V.C. WATER PIPE, TO BE ADJUSTED TO PROPOSED ELEVATIONS, ALL DEPTHS, COMPLETE IN PLACE	LF	200	\$78.00	\$15,600.00
5.	EXISTING 12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, TO BE REMOVED AND DISPOSED OF, ALL DEPTHS, COMPLETE IN PLACE	LF	13	\$40.00	\$520.00
6.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	8	\$3,794.00	\$30,352.00
7.	EXISTING FIRE HYDRANT UNIT TO BE ADJUSTED TO APPROPRIATE ELEVATION PER PROPOSED PAVEMENT, COMPLETE IN PLACE	EA	2	\$4,035.30	\$8,070.60
8.	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$785.00	\$4,710.00
9.	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	4	\$1,170.00	\$4,680.00
10.	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	3	\$2,229.00	\$6,687.00
11.	12" PLUG & CLAMP, COMPLETE IN PLACE	EA	1	\$355.00	\$355.00
12.	2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	1	\$396.00	\$396.00
13.	CAST IRON FITTINGS WITH RESTRAINED JOINTS AS NEEDED, COMPLETE IN PLACE	TON	1.4	\$4,175.00	\$5,845.00
14.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,355	\$0.30	\$1,006.50
15.	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, ALL SIZES, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	4	\$750.00	\$3,000.00
16.	REMOVE AND DISPOSE EXISTING PLUG & CLAMP, INCLUDES ALL ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00
17.	REMOVE EXISTING 12"X12" CROSS FITTING AND REPLACE WITH 12"X12" TEE, INCLUDING ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$2,045.00	\$2,045.00
18.	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GBI PARTNERS, LP, 713.995.1306, COMPLETE IN PLACE	LS	1	\$15,930.00	\$15,930.00
SUBTOTAL WATER SYSTEM ITEMS					\$180,225.10
SANITARY SEWER ITEMS					
1.	8" P.V.C. SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	1,611	\$36.00	\$57,996.00
2.	10" P.V.C. SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	197	\$42.00	\$8,274.00
3.	18" P.V.C. SEWER PIPE, AWWA C905, DR 25, 8' - 12', COMPLETE IN PLACE	LF	1,211	\$86.00	\$104,146.00

BID TABULATION FOR:

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LJA JOB NO.

CONSTRUCTION OF THE WATER DISTRIBUTION, SANITARY SEWER, & DRAINAGE FACILITIES
 TO SERVE GOOSE CREEK SECTION 4
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 459
 CITY OF BAYTOWN, HARRIS COUNTY, TEXAS
 FEBRUARY 21, 2019
 LJA ENGINEERING, INC.
 C. DURHAM
 FEBRUARY 22, 2019
 1931-7714A (9.2)

4) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
4.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, ALL CONCRETE SHALL BE 3,000 PSI @ 28 DAYS AND MIXED WITH XYPEX (PINK) ADMIN C-1000 OR ACCEPTABLE EQUIVALENT, COMPLETE IN PLACE	EA	24	\$3,628.00	\$87,072.00
5.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	24	\$175.00	\$4,200.00
6.	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	17.21	\$240.00	\$4,130.40
7.	SHORT SIDE SINGLE 4" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG MARKER, TRENCH SAFETY, AND ANY NECESSARY FITTINGS, ETC., (AS PER DETAIL ON SHEET 4), COMPLETE IN PLACE	EA	51	\$1,415.00	\$72,165.00
8.	LONG SIDE SINGLE 4" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER WYE, PLUG, MARKER AND ANY NECESSARY FITTINGS, ETC., (AS PER DETAIL ON SHEET 4), COMPLETE IN PLACE	LF	1,916	\$44.00	\$84,304.00
9.	DEWATERING PER LF OF PIPE FOR SANITARY SEWER (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3,019	\$25.00	\$75,475.00
10.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	3,019	\$2.60	\$7,849.40
11.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,019	\$0.30	\$905.70
12.	CORE INTO EXISTING MANHOLE AND CONNECT PROPOSED SANITARY SEWER PIPE, ALL SIZES, ALL DEPTHS, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS OR FITTINGS COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00
13.	REMOVE AND DISPOSE EXISTING PLUG, CONNECT PROPOSED SEWER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00
14.	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' - 3' DEPTH), COMPLETE IN PLACE	EA	4	\$1,585.00	\$6,340.00
SUBTOTAL SANITARY SEWER ITEMS					\$516,857.50
DRAINAGE FACILITIES ITEMS					
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,986	\$61.00	\$121,146.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,007	\$76.00	\$76,532.00
3.	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	438	\$141.00	\$61,758.00
4.	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	373	\$241.00	\$89,893.00
5.	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	21	\$1,695.00	\$35,595.00
6.	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	21	\$1,355.00	\$28,455.00

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 TO SERVE GOOSE CREEK SECTION 4
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 459
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 LJA ENGINEERING, INC.
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4) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
7.	STAGE I - STANDARD PRECAST INLET TYPE "C-1," ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	8	\$1,785.00	\$14,280.00
8.	STAGE II - STANDARD PRECAST INLET TYPE "C-1," (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	8	\$2,044.00	\$16,352.00
9.	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	18	\$4,065.00	\$73,170.00
10.	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$6,852.00	\$13,704.00
11.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER WITH TYPE "E" INLET TOP, COMPLETE IN PLACE	EA	1	\$8,000.00	\$8,000.00
12.	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$8,675.00	\$34,700.00
13.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	25	\$175.00	\$4,375.00
14.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,804	\$0.30	\$1,141.20
15.	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$175.00	\$175.00
16.	OVERFLOW DRAINAGE SWALE, INCLUDE SOD FOR EROSION CONTROL, COMPLETE IN PLACE	SY	168	\$9.20	\$1,545.60
17.	MISCELLANEOUS DRAINAGE SWALES, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2,000	\$2.00	\$4,000.00
18.	4" CONCRETE SLOPE PAVING WITH 2" MINIMUM TOE WALLS ALL AROUND, 2' CLAY LINER BELOW ALL SLOPE PAVING AND EXPANSION JOINTS, COMPLETE IN PLACE	SY	70	\$75.00	\$5,250.00
19.	RIP RAP, COMPLETE IN PLACE	SY	42	\$81.00	\$3,402.00
20.	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOILS TO BE USED AS LOT FILL PER THE GRADING PLAN, INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTING TO 95% STANDARD PROCTOR DENSITY WITH MAX 8' LIFTS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	5,709	\$2.00	\$11,418.00
21.	COFFER DAM, INCLUDING INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	2	\$7,485.00	\$14,970.00
22.	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, ON EXISTING INLETS (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	3	\$92.00	\$276.00
23.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$865.00	\$865.00
24.	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00
25.	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, FOR PROPERTY BOUNDARY, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4,574	\$2.00	\$9,148.00

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4) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
26.	REMOVE AND DISPOSE OF EXISTING E-INLET AND PIPE AS NEEDED, AND INSTALL 8" BRICK PLUG ON EXISTING STORM, AS NEEDED, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LS	1	\$2,300.00	\$2,300.00
27.	TYPE "E" INLET FOR SWALE DRAINAGE, ALL DEPTHS, INCLUDES SILT BARRIER FENCE, COMPLETE IN PLACE	EA	3	\$3,475.00	\$10,425.00
28.	HYDROMULCH SEEDING OF SIDE SLOPES OF DETENTION POND WHERE OUTFALLS WERE INSTALLED UNTIL GRASS IS FULLY ESTABLISHED, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	SY	320	\$4.60	\$1,472.00
29.	REMOVE AND REPLACE EXISTING LANDSCAPING, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LS	1	\$25,000.00	\$25,000.00
30.	LIGHT CLEARING AND GRUBBING FOR INSTALLATION OF UTILITIES, TO INCLUDE ROOT RAKING, COMPLETE IN PLACE	AC	3.78	\$11,520.00	\$43,545.60
31.	EXISTING LAKE HIGHBANK AND SIDE SLOPES AT LAKE OUTFALL TO GOOSE CREEK TO BE REESTABLISHED USING GEOTEXTILE FIBERS, GRASS, AND HAY TO REESTABLISH 90% GRASS GROWTH, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	2,100	\$3.75	\$7,875.00
32.	EXISTING SIDEWALK TO BE REMOVED AND REPLACED, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	25	\$70.00	\$1,750.00
33.	SPOILS FROM EXISTING WASHOUT ON LAKE TO BE HAULED OFFSITE TO BE DISPOSED OF (THIS QUANTITY IS NOT TO BE OVERRUN), COMPLETE IN PLACE	CY	1,100	\$13.60	\$14,960.00
34.	WATER, SANITARY SEWER AND STORM SEWER UTILITY SPOILS TO BE USED TO REESTABLISH PREVIOUSLY WASHED OUT LAKE SIDE SLOPES, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAX 8' LIFTS, TO BE DONE PRIOR TO LOT FILL, AT DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	CY	1,100	\$8.65	\$9,515.00
35.	HYDROMULCH SEEDING OF REESTABLISHED LAKE SIDE SLOPE AND HIGHBANK UNTIL 90% GRASS GROWTH, COMPLETE IN PLACE	SY	260	\$9.20	\$2,392.00
36.	STREET CLEANING OF ALL ADJACENT SECTIONS, AS NEEDED, PER DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	DAY	10	\$345.00	\$3,450.00
37.	PROPOSED SWALE TO BE EXCAVATED IN FUTURE SECTION 5, TO BE GRADED TO STM. M.H.D-15B, TO INCLUDE HYDROMULCH, SPOILS TO BE SPREAD ACROSS FUTURE SECTION TO NOT BLOCK DRAINAGE TO SWALE, COMPLETE IN PLACE	CY	286	\$5.75	\$1,644.50
38.	SOD ALONG PROPOSED SIDEWALK, COMPLETE IN PLACE	LF	50	\$6.95	\$347.50
39.	REESTABLISH EXISTING IRRIGATION SYSTEM, AT DIRECTION OF THE ENGINEER AND TBG, COMPLETE IN PLACE	LS	1	\$1,750.00	\$1,750.00
40.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$760,177.40
BID SUMMARY					
SUBTOTAL WATER SYSTEM ITEMS					\$180,225.10
SUBTOTAL SANITARY SEWER ITEMS					\$516,857.50
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$760,177.40
TOTAL AMOUNT BID					\$1,457,260.00