

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
TO SERVE TAMARRON SECTION 43
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
JANUARY 23, 2018
LJA ENGINEERING, INC.
B. ALVAREZ
JANUARY 23, 2018
JOB NUMBER 1931-6043A (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT
1) DIMAS BROS. CONSTRUCTION	\$1,135,551.50
2) HURTADO CONSTRUCTION COMPANY	\$1,168,173.50 *
3) TEXASITE, LLC	\$1,173,777.20 *
4) BLAZEY CONSTRUCTION LLC	\$1,191,993.90
5) KENNETH LAMB CONSTRUCTION CO., LTD.	\$1,266,496.20
6) MONARCH CIVIL CONSTRUCTORS, LLC	\$1,298,690.78
7) PRINCIPAL SERVICES, LTD.	\$1,315,058.00
8) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY	\$1,391,434.80
9) BAY UTILITIES, LLC	\$1,396,070.50
10) C.E. BARKER, LTD.	\$1,430,090.40

CALENDAR DAYS - 60/75



Melony Gay

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

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1) DIMAS BROS. CONSTRUCTION 2) HURTADO CONSTRUCTION COMPANY 3) TEXASITE, LLC

ITEM DESCRIPTION	UNIT	QTY	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 14, CLASS 305, ALL DEPTHS, COMPLETE IN PLACE	LF	2,222	\$15.00	\$33,330.00	\$16.88	\$37,507.36	\$16.00	\$35,552.00
2. 8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	2,886	\$15.40	\$44,444.40	\$20.88	\$60,259.68	\$17.00	\$49,062.00
3. 12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	969	\$27.45	\$26,599.05	\$27.88	\$27,015.72	\$28.00	\$27,132.00
4. FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	13	\$3,238.00	\$42,094.00	\$3,388.88	\$44,055.44	\$3,350.00	\$43,550.00
5. 6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	12	\$535.00	\$6,420.00	\$533.88	\$6,406.56	\$600.00	\$7,200.00
6. 8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	9	\$795.00	\$7,155.00	\$798.88	\$7,189.92	\$1,000.00	\$9,000.00
7. 12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	5	\$1,480.00	\$7,400.00	\$1,463.88	\$7,319.40	\$1,950.00	\$9,750.00
8. CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	4.23	\$1.00	\$4.23	\$2.88	\$12.18	\$100.00	\$423.00
9. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6,130	\$0.10	\$613.00	\$0.10	\$613.00	\$1.00	\$6,130.00
10. 12" PLUG & CLAMP, COMPLETE IN PLACE	EA	2	\$150.00	\$300.00	\$358.88	\$717.76	\$150.00	\$300.00
11. 2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$388.88	\$777.76	\$550.00	\$1,100.00
12. REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE (ALL SIZES)	EA	2	\$250.00	\$500.00	\$88.88	\$177.76	\$350.00	\$700.00
13. 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
14. METHOD "A" CONSTRUCTION FOR WATER, SANITARY SEWER, AND DRAINAGE STAKING BY THE CONTRACTOR PER GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$17,011.00	\$17,011.00	\$17,011.00	\$17,011.00	\$17,011.00	\$17,011.00
15. CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$8,500.00	\$8,500.00	\$8,888.00	\$8,888.00	\$2,450.00	\$2,450.00
16. AUGER OF PROPOSED 6" WATERLINE UNDER EXISTING STORM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	22	\$20.00	\$440.00	\$28.88	\$635.36	\$20.00	\$440.00
17. AUGER OF PROPOSED 12" WATERLINE UNDER EXISTING STROM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	57	\$28.00	\$1,596.00	\$38.88	\$2,216.16	\$20.00	\$1,140.00
18. 6" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, RESTRAINED JOINT SECTION, INCLUDING FITTINGS, JOINTS AND VERTICAL ASSEMBLY, UNDER EXISTING STORM SEWER NEAR CUL-DE-SAC ON STANLEY CANYON LANE, ALL DEPTHS, COMPLETE IN PLACE	LF	53	\$24.40	\$1,293.20	\$24.88	\$1,318.64	\$20.00	\$1,060.00
SUBTOTAL WATER SYSTEM ITEMS				\$199,699.88		\$223,121.70		\$213,000.00
SANITARY SEWER ITEMS								
1. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, PR 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	2,012	\$27.35	\$55,028.20	\$25.88	\$52,070.56	\$24.00	\$48,288.00

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1) DIMAS BROS. CONSTRUCTION 2) HURTADO CONSTRUCTION COMPANY 3) TEXASITE, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2.	8" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, 12' – 16' DEPTH, COMPLETE IN PLACE	LF	718	\$33.60	\$24,124.80	\$32.88	\$23,607.84	\$26.00	\$18,668.00
3.	8" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, OVER 16' DEPTH, COMPLETE IN PLACE	LF	168	\$49.30	\$8,282.40	\$46.88	\$7,875.84	\$28.00	\$4,704.00
4.	STANDARD SANITARY SEWER MANHOLE FOR 6" – 24" SANITARY SEWER PIPES, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	17	\$1,530.00	\$26,010.00	\$1,778.88	\$30,240.96	\$2,000.00	\$34,000.00
5.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	17	\$1.00	\$17.00	\$1.00	\$17.00	\$1.00	\$17.00
6.	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	44.9	\$90.00	\$4,041.00	\$100.00	\$4,490.00	\$130.00	\$5,837.00
7.	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' – 2.5' DEPTH), COMPLETE IN PLACE	EA	3	\$450.00	\$1,350.00	\$360.88	\$1,082.64	\$500.00	\$1,500.00
8.	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2.5' OF DEPTHS), COMPLETE IN PLACE	VF	7	\$1.00	\$7.00	\$1.00	\$7.00	\$20.00	\$140.00
9.	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	34	\$684.00	\$23,256.00	\$618.88	\$21,041.92	\$600.00	\$20,400.00
10.	"LONG SIDE" DOUBLE OR SINGLE 6" 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., COMPLETE IN PLACE	LF	2,471	\$31.55	\$77,960.05	\$34.88	\$86,188.48	\$29.00	\$71,659.00
11.	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2,898	\$20.00	\$57,960.00	\$20.00	\$57,960.00	\$20.00	\$57,960.00
12.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	5,369	\$1.00	\$5,369.00	\$1.00	\$5,369.00	\$1.00	\$5,369.00
13.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,369	\$1.00	\$5,369.00	\$1.00	\$5,369.00	\$1.00	\$5,369.00
14.	REMOVE AND DISPOSE EXISTING PLUG, CONNECT PROPOSED SEWER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$8.00	\$8.00	\$1.00	\$1.00	\$200.00	\$200.00
15.	FINAL ADJUSTMENTS TO EXISTING SANITARY MANHOLES, COMPLETE IN PLACE	EA	5	\$150.00	\$750.00	\$100.00	\$500.00	\$1.00	\$5.00
16.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED SEWER LINE, ALL SIZES, COMPLETE IN PLACE	EA	10	\$100.00	\$1,000.00	\$588.88	\$5,888.80	\$1,200.00	\$12,000.00
17.	BORE AND JACK OF PROPOSED 8" SANITARY SEWER UNDER EXISTING STORM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	21	\$10.00	\$210.00	\$18.88	\$396.48	\$20.00	\$420.00
18.	BORE AND JACK OF PROPOSED SANITARY LEADS UNDER EXISTING STORM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	140	\$10.00	\$1,400.00	\$28.88	\$4,043.20	\$20.00	\$2,800.00
SUBTOTAL SANITARY SEWER ITEMS					\$292,142.45		\$306,149.72 *		\$289,336.00 *
DRAINAGE FACILITIES ITEMS									
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	2,189	\$55.85	\$122,255.65	\$59.88	\$131,077.32	\$54.00	\$118,206.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	600	\$69.40	\$41,640.00	\$73.58	\$44,148.00	\$69.00	\$41,400.00

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ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) HURTADO CONSTRUCTION COMPANY		3) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3.	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	338	\$87.70	\$29,642.60	\$97.88	\$33,083.44	\$92.00	\$31,096.00
4.	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	85	\$118.00	\$10,030.00	\$123.88	\$10,529.80	\$120.00	\$10,200.00
5.	6' X 5' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES INTERNAL SEAL PER CITY OF FULSHEAR STANDARDS ON ALL JOINTS, COMPLETE IN PLACE	LF	516	\$300.00	\$154,800.00	\$269.88	\$139,258.08	\$310.00	\$159,960.00
6.	6' X 6' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES INTERNAL SEAL PER CITY OF FULSHEAR STANDARDS ON ALL JOINTS, COMPLETE IN PLACE	LF	284	\$320.00	\$90,880.00	\$307.88	\$87,437.92	\$340.00	\$96,560.00
7.	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	35	\$735.00	\$25,725.00	\$708.88	\$24,810.80	\$1,000.00	\$35,000.00
8.	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	35	\$1,068.00	\$37,380.00	\$1,088.88	\$38,110.80	\$1,000.00	\$35,000.00
9.	STAGE I – STANDARD PRECAST INLET TYPE "C-1," ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	7	\$900.00	\$6,300.00	\$757.88	\$5,305.16	\$1,000.00	\$7,000.00
10.	STAGE II – STANDARD PRECAST INLET TYPE "C-1," (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	7	\$1,680.00	\$11,760.00	\$1,414.88	\$9,904.16	\$1,700.00	\$11,900.00
11.	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	18	\$1,780.00	\$32,040.00	\$1,398.88	\$25,179.84	\$2,000.00	\$36,000.00
12.	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$1,988.88	\$1,988.88	\$3,000.00	\$3,000.00
13.	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$5,500.00	\$33,000.00	\$5,188.00	\$31,128.00	\$3,500.00	\$21,000.00
14.	JUNCTION BOX WITH TYPE "E" INLET MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$5,188.00	\$5,188.00	\$3,500.00	\$3,500.00
15.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS INCLUDING EXISTING JUNCTION BOXES, COMPLETE IN PLACE	EA	26	\$1.00	\$26.00	\$88.00	\$2,288.00	\$1.00	\$26.00
16.	REMOVE EXISTING BRICK PLUG, ALL SIZES, ALL DEPTHS, AND CONNECT PROPOSED STORM SEWER (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	4	\$100.00	\$400.00	\$88.00	\$352.00	\$400.00	\$1,600.00
17.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,012	\$0.10	\$401.20	\$0.20	\$802.40	\$1.00	\$4,012.00
18.	RIP RAP, COMPLETE IN PLACE	SY	89	\$67.00	\$5,963.00	\$59.88	\$5,329.32	\$65.00	\$5,785.00
19.	4' CONCRETE SLOPE PAVING WITH 2' MINIMUM TOE WALLS ALL AROUND, 2' CLAY LINER BELOW ALL SLOPE PAVING, AND EXPANSION JOINTS, PER DETAIL, COMPLETE IN PLACE	SY	99	\$84.00	\$8,316.00	\$89.88	\$8,898.12	\$70.00	\$6,930.00
20.	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN, SPOILS TO BE USED FOR PROP. TEMPORARY BERM, COMPLETE IN PLACE	CY	1,023	\$2.20	\$2,250.60	\$1.60	\$1,636.80	\$3.00	\$3,069.00
21.	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN, SPOILS TO BE HAULED TO SECTION, INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTING TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	3,084	\$1.88	\$5,797.92	\$1.88	\$5,797.92	\$3.00	\$9,252.00

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
22.	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	4	\$10.00	\$40.00	\$2.88	\$11.52	\$50.00	\$200.00
23.	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	5,332	\$1.60	\$8,531.20	\$1.60	\$8,531.20	\$1.60	\$8,531.20
24.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00	\$800.00	\$800.00	\$1,100.00	\$1,100.00
25.	ADJUST EXISTING MANHOLE W/ E-INLET TOP RIM ELEVATION AND CONVERT EXISTING E-INLET TO MANHOLE TOP, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,300.00	\$1,300.00	\$650.00	\$650.00
26.	ADJUST EXISTING JUNCTION BOX W/ E-INLET TOP RIM ELEVATION AND CONVERT EXISTING E-INLET TO MANHOLE TOP, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	2	\$800.00	\$1,600.00	\$1,300.00	\$2,600.00	\$650.00	\$1,300.00
27.	ADJUST EXISTING JUNCTION BOX W/ MANHOLE TOPS AND MANHOLE RIM ELEVATION, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	3	\$500.00	\$1,500.00	\$1,333.00	\$3,999.00	\$315.00	\$945.00
28.	UTILITY SPOILS TO BE USED AS FILL WITHIN SECTION, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8,770	\$0.20	\$1,754.00	\$0.88	\$7,717.60	\$1.50	\$13,155.00
29.	REMOVE AND DISPOSE OF EXISTING 2" HMA ASPHALT, AT DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	SY	810	\$2.00	\$1,620.00	\$1.00	\$810.00	\$3.00	\$2,430.00
30.	REMOVE AND DISPOSE OF EXISTING 6" AGGREGATE BASE COURSE, AT DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	SY	878	\$2.00	\$1,756.00	\$1.00	\$878.00	\$3.00	\$2,634.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$643,709.17		\$638,902.08		\$671,441.20
BID SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS					\$199,699.88		\$223,121.70		\$213,000.00
SUBTOTAL SANITARY SEWER ITEMS					\$292,142.45		\$306,149.72 *		\$289,336.00 *
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$643,709.17		\$638,902.08		\$671,441.20
TOTAL AMOUNT BID					\$1,135,551.50		\$1,168,173.50 *		\$1,173,777.20 *

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WATER SYSTEM ITEMS								
1. 6" P.V.C. WATER PIPE, C-900, DR 14, CLASS 305, ALL DEPTHS, COMPLETE IN PLACE	LF	2,222	\$13.15	\$29,219.30	\$13.00	\$28,886.00	\$12.00	\$26,664.00
2. 8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	2,886	\$17.75	\$51,226.50	\$17.00	\$49,062.00	\$15.00	\$43,290.00
3. 12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	969	\$27.20	\$26,356.80	\$27.00	\$26,163.00	\$25.00	\$24,225.00
4. FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	13	\$3,240.00	\$42,120.00	\$3,500.00	\$45,500.00	\$3,057.00	\$39,741.00
5. 6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	12	\$570.00	\$6,840.00	\$700.00	\$8,400.00	\$620.00	\$7,440.00
6. 8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	9	\$810.00	\$7,290.00	\$1,000.00	\$9,000.00	\$932.00	\$8,388.00
7. 12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	5	\$1,625.00	\$8,125.00	\$1,900.00	\$9,500.00	\$1,754.00	\$8,770.00
8. CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	4.23	\$1,500.00	\$6,345.00	\$3,300.00	\$13,959.00	\$3,222.00	\$13,629.06
9. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6,130	\$0.05	\$306.50	\$1.00	\$6,130.00	\$0.01	\$61.30
10. 12" PLUG & CLAMP, COMPLETE IN PLACE	EA	2	\$130.00	\$260.00	\$360.00	\$720.00	\$180.00	\$360.00
11. 2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	2	\$570.00	\$1,140.00	\$500.00	\$1,000.00	\$1,057.00	\$2,114.00
12. REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE (ALL SIZES)	EA	2	\$240.00	\$480.00	\$200.00	\$400.00	\$340.00	\$680.00
13. 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	\$2,100.00	\$2,100.00
14. METHOD "A" CONSTRUCTION FOR WATER, SANITARY SEWER, AND DRAINAGE STAKING BY THE CONTRACTOR PER GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$17,011.00	\$17,011.00	\$17,011.00	\$17,011.00	\$17,011.00	\$17,011.00
15. CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$9,000.00	\$9,000.00	\$9,500.00	\$9,500.00	\$10,303.00	\$10,303.00
16. AUGER OF PROPOSED 6" WATERLINE UNDER EXISTING STORM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	22	\$50.00	\$1,100.00	\$30.00	\$660.00	\$71.00	\$1,562.00
17. AUGER OF PROPOSED 12" WATERLINE UNDER EXISTING STROM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	57	\$50.00	\$2,850.00	\$45.00	\$2,565.00	\$35.00	\$1,995.00
18. 6" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, RESTRAINED JOINT SECTION, INCLUDING FITTINGS, JOINTS AND VERTICAL ASSEMBLY, UNDER EXISTING STORM SEWER NEAR CUL-DE-SAC ON STANLEY CANYON LANE, ALL DEPTHS, COMPLETE IN PLACE	LF	53	\$50.00	\$2,650.00	\$35.00	\$1,855.00	\$30.00	\$1,590.00
SUBTOTAL WATER SYSTEM ITEMS				\$213,320.10		\$231,311.00		\$209,923.36
SANITARY SEWER ITEMS								
1. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, PR 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	2,012	\$23.35	\$46,980.20	\$21.00	\$42,252.00	\$21.00	\$42,252.00

BID TABULATION FOR:

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 43
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 JANUARY 23, 2018
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 23, 2018
 JOB NUMBER 1931-6043A (9.2)

4) BLAZEY CONSTRUCTION LLC 5) KENNETH LAMB CONSTRUCTION CO., LTD. 6) MONARCH CIVIL CONSTRUCTORS, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2.	8" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, 12' – 16' DEPTH, COMPLETE IN PLACE	LF	718	\$29.55	\$21,216.90	\$27.00	\$19,386.00	\$31.00	\$22,258.00
3.	8" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, OVER 16' DEPTH, COMPLETE IN PLACE	LF	168	\$36.85	\$6,190.80	\$31.00	\$5,208.00	\$52.00	\$8,736.00
4.	STANDARD SANITARY SEWER MANHOLE FOR 6" – 24" SANITARY SEWER PIPES, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	17	\$1,525.00	\$25,925.00	\$2,100.00	\$35,700.00	\$1,851.00	\$31,467.00
5.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	17	\$1.00	\$17.00	\$50.00	\$850.00	\$117.00	\$1,989.00
6.	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	44.9	\$97.00	\$4,355.30	\$150.00	\$6,735.00	\$109.00	\$4,894.10
7.	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' – 2.5' DEPTH), COMPLETE IN PLACE	EA	3	\$545.00	\$1,635.00	\$500.00	\$1,500.00	\$506.00	\$1,518.00
8.	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2.5' OF DEPTHS), COMPLETE IN PLACE	VF	7	\$34.00	\$238.00	\$25.00	\$175.00	\$5.00	\$35.00
9.	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	34	\$660.00	\$22,440.00	\$600.00	\$20,400.00	\$735.00	\$24,990.00
10.	"LONG SIDE" DOUBLE OR SINGLE 6" 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., COMPLETE IN PLACE	LF	2,471	\$38.50	\$95,133.50	\$31.00	\$76,601.00	\$23.00	\$56,833.00
11.	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2,898	\$20.00	\$57,960.00	\$20.00	\$57,960.00	\$20.00	\$57,960.00
12.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	5,369	\$1.00	\$5,369.00	\$1.00	\$5,369.00	\$2.00	\$10,738.00
13.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,369	\$1.00	\$5,369.00	\$1.00	\$5,369.00	\$1.00	\$5,369.00
14.	REMOVE AND DISPOSE EXISTING PLUG, CONNECT PROPOSED SEWER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$500.00	\$500.00	\$58.00	\$58.00
15.	FINAL ADJUSTMENTS TO EXISTING SANITARY MANHOLES, COMPLETE IN PLACE	EA	5	\$1.00	\$5.00	\$50.00	\$250.00	\$120.00	\$600.00
16.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED SEWER LINE, ALL SIZES, COMPLETE IN PLACE	EA	10	\$620.00	\$6,200.00	\$500.00	\$5,000.00	\$650.00	\$6,500.00
17.	BORE AND JACK OF PROPOSED 8" SANITARY SEWER UNDER EXISTING STORM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	21	\$40.00	\$840.00	\$40.00	\$840.00	\$76.00	\$1,596.00
18.	BORE AND JACK OF PROPOSED SANITARY LEADS UNDER EXISTING STORM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	140	\$40.00	\$5,600.00	\$30.00	\$4,200.00	\$27.00	\$3,780.00
SUBTOTAL SANITARY SEWER ITEMS					\$305,574.70		\$288,295.00		\$281,573.10
DRAINAGE FACILITIES ITEMS									
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	2,189	\$56.45	\$123,569.05	\$54.00	\$118,206.00	\$60.00	\$131,340.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	600	\$72.15	\$43,290.00	\$68.00	\$40,800.00	\$77.00	\$46,200.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 43
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 JANUARY 23, 2018
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 23, 2018
 JOB NUMBER 1931-6043A (9.2)

4) BLAZEY CONSTRUCTION LLC 5) KENNETH LAMB CONSTRUCTION CO., LTD. 6) MONARCH CIVIL CONSTRUCTORS, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3.	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	338	\$102.50	\$34,645.00	\$91.00	\$30,758.00	\$103.00	\$34,814.00
4.	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	85	\$135.15	\$11,487.75	\$132.00	\$11,220.00	\$139.00	\$11,815.00
5.	6' X 5' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES INTERNAL SEAL PER CITY OF FULSHEAR STANDARDS ON ALL JOINTS, COMPLETE IN PLACE	LF	516	\$304.45	\$157,096.20	\$355.00	\$183,180.00	\$423.00	\$218,268.00
6.	6' X 6' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES INTERNAL SEAL PER CITY OF FULSHEAR STANDARDS ON ALL JOINTS, COMPLETE IN PLACE	LF	284	\$326.50	\$92,726.00	\$398.00	\$113,032.00	\$467.00	\$132,628.00
7.	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	35	\$721.80	\$25,263.00	\$1,000.00	\$35,000.00	\$1,678.00	\$58,730.00
8.	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	35	\$1,400.00	\$49,000.00	\$1,000.00	\$35,000.00	\$268.00	\$9,380.00
9.	STAGE I – STANDARD PRECAST INLET TYPE "C-1," ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	7	\$825.00	\$5,775.00	\$1,000.00	\$7,000.00	\$2,815.00	\$19,705.00
10.	STAGE II – STANDARD PRECAST INLET TYPE "C-1," (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	7	\$1,860.00	\$13,020.00	\$1,800.00	\$12,600.00	\$554.00	\$3,878.00
11.	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	18	\$1,800.00	\$32,400.00	\$1,800.00	\$32,400.00	\$1,853.00	\$33,354.00
12.	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,550.00	\$2,550.00	\$2,200.00	\$2,200.00	\$4,136.00	\$4,136.00
13.	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$4,940.00	\$29,640.00	\$8,500.00	\$51,000.00	\$5,213.00	\$31,278.00
14.	JUNCTION BOX WITH TYPE "E" INLET MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,275.00	\$4,275.00	\$7,500.00	\$7,500.00	\$4,997.00	\$4,997.00
15.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS INCLUDING EXISTING JUNCTION BOXES, COMPLETE IN PLACE	EA	26	\$1.00	\$26.00	\$50.00	\$1,300.00	\$117.00	\$3,042.00
16.	REMOVE EXISTING BRICK PLUG, ALL SIZES, ALL DEPTHS, AND CONNECT PROPOSED STORM SEWER (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	4	\$115.00	\$460.00	\$100.00	\$400.00	\$304.00	\$1,216.00
17.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,012	\$0.05	\$200.60	\$1.00	\$4,012.00	\$0.01	\$40.12
18.	RIP RAP, COMPLETE IN PLACE	SY	89	\$55.00	\$4,895.00	\$45.00	\$4,005.00	\$57.00	\$5,073.00
19.	4" CONCRETE SLOPE PAVING WITH 2' MINIMUM TOE WALLS ALL AROUND, 2" CLAY LINER BELOW ALL SLOPE PAVING, AND EXPANSION JOINTS, PER DETAIL, COMPLETE IN PLACE	SY	99	\$85.00	\$8,415.00	\$75.00	\$7,425.00	\$60.00	\$5,940.00
20.	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN, SPOILS TO BE USED FOR PROP. TEMPORARY BERM, COMPLETE IN PLACE	CY	1,023	\$2.00	\$2,046.00	\$3.00	\$3,069.00	\$2.00	\$2,046.00
21.	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN, SPOILS TO BE HAULED TO SECTION, INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTING TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	3,084	\$2.00	\$6,168.00	\$4.00	\$12,336.00	\$2.00	\$6,168.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 43
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 JANUARY 23, 2018
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 23, 2018
 JOB NUMBER 1931-6043A (9.2)

4) BLAZEY CONSTRUCTION LLC 5) KENNETH LAMB CONSTRUCTION CO., LTD. 6) MONARCH CIVIL CONSTRUCTORS, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
22.	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	4	\$70.00	\$280.00	\$50.00	\$200.00	\$11.00	\$44.00
23.	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	5,332	\$1.60	\$8,531.20	\$1.60	\$8,531.20	\$1.60	\$8,531.20
24.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$560.00	\$560.00	\$1,800.00	\$1,800.00	\$550.00	\$550.00
25.	ADJUST EXISTING MANHOLE W/ E-INLET TOP RIM ELEVATION AND CONVERT EXISTING E-INLET TO MANHOLE TOP, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$500.00	\$500.00	\$1,346.00	\$1,346.00
26.	ADJUST EXISTING JUNCTION BOX W/ E-INLET TOP RIM ELEVATION AND CONVERT EXISTING E-INLET TO MANHOLE TOP, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	2	\$800.00	\$1,600.00	\$500.00	\$1,000.00	\$1,346.00	\$2,692.00
27.	ADJUST EXISTING JUNCTION BOX W/ MANHOLE TOPS AND MANHOLE RIM ELEVATION, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	3	\$250.00	\$750.00	\$500.00	\$1,500.00	\$120.00	\$360.00
28.	UTILITY SPOILS TO BE USED AS FILL WITHIN SECTION, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8,770	\$1.15	\$10,085.50	\$2.00	\$17,540.00	\$2.50	\$21,925.00
29.	REMOVE AND DISPOSE OF EXISTING 2" HMAC ASPHALT, AT DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	SY	810	\$2.10	\$1,701.00	\$2.00	\$1,620.00	\$3.00	\$2,430.00
30.	REMOVE AND DISPOSE OF EXISTING 6" AGGREGATE BASE COURSE, AT DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	SY	878	\$2.10	\$1,843.80	\$2.00	\$1,756.00	\$6.00	\$5,268.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$673,099.10		\$746,890.20		\$807,194.32
BID SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS					\$213,320.10		\$231,311.00		\$209,923.36
SUBTOTAL SANITARY SEWER ITEMS					\$305,574.70		\$288,295.00		\$281,573.10
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$673,099.10		\$746,890.20		\$807,194.32
TOTAL AMOUNT BID					\$1,191,993.90		\$1,266,496.20		\$1,298,690.78

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 43
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 JANUARY 23, 2018
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 23, 2018
 JOB NUMBER 1931-6043A (9.2)

7) PRINCIPAL SERVICES, LTD.

8) R CONSTRUCTION CIVIL, LLC DBA
 R CONSTRUCTION COMPANY

9) BAY UTILITIES, LLC

ITEM DESCRIPTION	UNIT	QTY	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 14, CLASS 305, ALL DEPTHS, COMPLETE IN PLACE	LF	2,222	\$13.00	\$28,886.00	\$13.00	\$28,886.00	\$13.00	\$28,886.00
2. 8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	2,886	\$15.00	\$43,290.00	\$17.00	\$49,062.00	\$15.00	\$43,290.00
3. 12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	969	\$23.00	\$22,287.00	\$31.00	\$30,039.00	\$26.00	\$25,194.00
4. FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	13	\$2,800.00	\$36,400.00	\$3,650.00	\$47,450.00	\$3,400.00	\$44,200.00
5. 6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	12	\$550.00	\$6,600.00	\$705.00	\$8,460.00	\$730.00	\$8,760.00
6. 8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	9	\$800.00	\$7,200.00	\$1,020.00	\$9,180.00	\$970.00	\$8,730.00
7. 12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	5	\$1,500.00	\$7,500.00	\$1,840.00	\$9,200.00	\$1,800.00	\$9,000.00
8. CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	4.23	\$2,700.00	\$11,421.00	\$2,080.00	\$8,798.40	\$1,100.00	\$4,653.00
9. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6,130	\$0.10	\$613.00	\$0.10	\$613.00	\$1.00	\$6,130.00
10. 12" PLUG & CLAMP, COMPLETE IN PLACE	EA	2	\$190.00	\$380.00	\$145.00	\$290.00	\$330.00	\$660.00
11. 2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00	\$935.00	\$1,870.00	\$830.00	\$1,660.00
12. REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE (ALL SIZES)	EA	2	\$320.00	\$640.00	\$190.00	\$380.00	\$200.00	\$400.00
13. 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	\$3,500.00	\$3,500.00	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00
14. METHOD "A" CONSTRUCTION FOR WATER, SANITARY SEWER, AND DRAINAGE STAKING BY THE CONTRACTOR PER GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$17,011.00	\$17,011.00	\$17,011.00	\$17,011.00	\$17,011.00	\$17,011.00
15. CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$9,825.00	\$9,825.00	\$10,360.00	\$10,360.00	\$10,500.00	\$10,500.00
16. AUGER OF PROPOSED 6" WATERLINE UNDER EXISTING STORM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	22	\$310.00	\$6,820.00	\$188.00	\$4,136.00	\$100.00	\$2,200.00
17. AUGER OF PROPOSED 12" WATERLINE UNDER EXISTING STROM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	57	\$114.00	\$6,498.00	\$165.00	\$9,405.00	\$100.00	\$5,700.00
18. 6" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, RESTRAINED JOINT SECTION, INCLUDING FITTINGS, JOINTS AND VERTICAL ASSEMBLY, UNDER EXISTING STORM SEWER NEAR CUL-DE-SAC ON STANLEY CANYON LANE, ALL DEPTHS, COMPLETE IN PLACE	LF	53	\$29.00	\$1,537.00	\$29.00	\$1,537.00	\$45.00	\$2,385.00
SUBTOTAL WATER SYSTEM ITEMS				\$212,408.00		\$238,177.40		\$221,159.00
SANITARY SEWER ITEMS								
1. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, PR 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	2,012	\$24.00	\$48,288.00	\$22.00	\$44,264.00	\$38.00	\$76,456.00

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 43
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 JANUARY 23, 2018
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 23, 2018
 JOB NUMBER 1931-6043A (9.2)

7) PRINCIPAL SERVICES, LTD.

8) R CONSTRUCTION CIVIL, LLC DBA
 R CONSTRUCTION COMPANY

9) BAY UTILITIES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2.	8" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, 12' – 16' DEPTH, COMPLETE IN PLACE	LF	718	\$32.00	\$22,976.00	\$34.00	\$24,412.00	\$45.00	\$32,310.00
3.	8" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, OVER 16' DEPTH, COMPLETE IN PLACE	LF	168	\$65.00	\$10,920.00	\$50.00	\$8,400.00	\$52.00	\$8,736.00
4.	STANDARD SANITARY SEWER MANHOLE FOR 6" – 24" SANITARY SEWER PIPES, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	17	\$2,300.00	\$39,100.00	\$2,765.00	\$47,005.00	\$1,800.00	\$30,600.00
5.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	17	\$1.00	\$17.00	\$5.00	\$85.00	\$150.00	\$2,550.00
6.	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	44.9	\$150.00	\$6,735.00	\$130.00	\$5,837.00	\$100.00	\$4,490.00
7.	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' – 2.5' DEPTH), COMPLETE IN PLACE	EA	3	\$600.00	\$1,800.00	\$680.00	\$2,040.00	\$660.00	\$1,980.00
8.	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2.5' OF DEPTHS), COMPLETE IN PLACE	VF	7	\$40.00	\$280.00	\$25.00	\$175.00	\$28.00	\$196.00
9.	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	34	\$790.00	\$26,860.00	\$685.00	\$23,290.00	\$700.00	\$23,800.00
10.	"LONG SIDE" DOUBLE OR SINGLE 6" 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., COMPLETE IN PLACE	LF	2,471	\$31.00	\$76,601.00	\$35.00	\$86,485.00	\$38.00	\$93,898.00
11.	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2,898	\$25.00	\$72,450.00	\$20.00	\$57,960.00	\$20.00	\$57,960.00
12.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	5,369	\$1.75	\$9,395.75	\$1.70	\$9,127.30	\$2.00	\$10,738.00
13.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,369	\$1.00	\$5,369.00	\$1.00	\$5,369.00	\$1.00	\$5,369.00
14.	REMOVE AND DISPOSE EXISTING PLUG, CONNECT PROPOSED SEWER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$140.00	\$140.00	\$330.00	\$330.00
15.	FINAL ADJUSTMENTS TO EXISTING SANITARY MANHOLES, COMPLETE IN PLACE	EA	5	\$350.00	\$1,750.00	\$350.00	\$1,750.00	\$670.00	\$3,350.00
16.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED SEWER LINE, ALL SIZES, COMPLETE IN PLACE	EA	10	\$1,000.00	\$10,000.00	\$1,045.00	\$10,450.00	\$1,100.00	\$11,000.00
17.	BORE AND JACK OF PROPOSED 8" SANITARY SEWER UNDER EXISTING STORM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	21	\$270.00	\$5,670.00	\$243.00	\$5,103.00	\$90.00	\$1,890.00
18.	BORE AND JACK OF PROPOSED SANITARY LEADS UNDER EXISTING STORM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	140	\$150.00	\$21,000.00	\$141.00	\$19,740.00	\$90.00	\$12,600.00
SUBTOTAL SANITARY SEWER ITEMS					\$359,361.75		\$351,632.30		\$378,253.00
DRAINAGE FACILITIES ITEMS									
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	2,189	\$51.00	\$111,639.00	\$56.50	\$123,678.50	\$52.00	\$113,828.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	600	\$66.00	\$39,600.00	\$74.00	\$44,400.00	\$68.00	\$40,800.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 43
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 JANUARY 23, 2018
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 23, 2018
 JOB NUMBER 1931-6043A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) PRINCIPAL SERVICES, LTD.		8) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY		9) BAY UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3.	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	338	\$92.00	\$31,096.00	\$101.00	\$34,138.00	\$94.00	\$31,772.00
4.	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	85	\$120.00	\$10,200.00	\$125.00	\$10,625.00	\$131.00	\$11,135.00
5.	6' X 5' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES INTERNAL SEAL PER CITY OF FULSHEAR STANDARDS ON ALL JOINTS, COMPLETE IN PLACE	LF	516	\$290.00	\$149,640.00	\$365.00	\$188,340.00	\$320.00	\$165,120.00
6.	6' X 6' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES INTERNAL SEAL PER CITY OF FULSHEAR STANDARDS ON ALL JOINTS, COMPLETE IN PLACE	LF	284	\$360.00	\$102,240.00	\$445.00	\$126,380.00	\$346.00	\$98,264.00
7.	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	35	\$1,350.00	\$47,250.00	\$1,280.00	\$44,800.00	\$950.00	\$33,250.00
8.	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	35	\$1,250.00	\$43,750.00	\$1,025.00	\$35,875.00	\$1,500.00	\$52,500.00
9.	STAGE I – STANDARD PRECAST INLET TYPE "C-1," ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	7	\$1,700.00	\$11,900.00	\$1,525.00	\$10,675.00	\$1,500.00	\$10,500.00
10.	STAGE II – STANDARD PRECAST INLET TYPE "C-1," (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	7	\$1,500.00	\$10,500.00	\$1,510.00	\$10,570.00	\$2,100.00	\$14,700.00
11.	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	18	\$2,000.00	\$36,000.00	\$2,060.00	\$37,080.00	\$2,400.00	\$43,200.00
12.	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$4,595.00	\$4,595.00	\$2,700.00	\$2,700.00
13.	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$5,300.00	\$31,800.00	\$7,535.00	\$45,210.00	\$10,500.00	\$63,000.00
14.	JUNCTION BOX WITH TYPE "E" INLET MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$7,150.00	\$7,150.00	\$9,400.00	\$9,400.00
15.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS INCLUDING EXISTING JUNCTION BOXES, COMPLETE IN PLACE	EA	26	\$1.00	\$26.00	\$10.00	\$260.00	\$170.00	\$4,420.00
16.	REMOVE EXISTING BRICK PLUG, ALL SIZES, ALL DEPTHS, AND CONNECT PROPOSED STORM SEWER (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	4	\$500.00	\$2,000.00	\$575.00	\$2,300.00	\$560.00	\$2,240.00
17.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,012	\$0.10	\$401.20	\$0.10	\$401.20	\$1.00	\$4,012.00
18.	RIP RAP, COMPLETE IN PLACE	SY	89	\$62.00	\$5,518.00	\$65.00	\$5,785.00	\$64.00	\$5,696.00
19.	4" CONCRETE SLOPE PAVING WITH 2' MINIMUM TOE WALLS ALL AROUND, 2' CLAY LINER BELOW ALL SLOPE PAVING, AND EXPANSION JOINTS, PER DETAIL, COMPLETE IN PLACE	SY	99	\$115.00	\$11,385.00	\$75.00	\$7,425.00	\$100.00	\$9,900.00
20.	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN, SPOILS TO BE USED FOR PROP. TEMPORARY BERM, COMPLETE IN PLACE	CY	1,023	\$3.71	\$3,795.33	\$3.10	\$3,171.30	\$4.50	\$4,603.50
21.	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN, SPOILS TO BE HAULED TO SECTION, INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTING TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	3,084	\$5.58	\$17,208.72	\$3.10	\$9,560.40	\$9.00	\$27,756.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 43
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 JANUARY 23, 2018
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 23, 2018
 JOB NUMBER 1931-6043A (9.2)

BID OPENING DATE:
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LJA JOB NO.

7) PRINCIPAL SERVICES, LTD.

8) R CONSTRUCTION CIVIL, LLC DBA
 R CONSTRUCTION COMPANY

9) BAY UTILITIES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
22.	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	4	\$50.00	\$200.00	\$45.00	\$180.00	\$80.00	\$320.00
23.	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	5,332	\$1.75	\$9,331.00	\$1.60	\$8,531.20	\$2.00	\$10,664.00
24.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$1,700.00	\$1,700.00
25.	ADJUST EXISTING MANHOLE W/ E-INLET TOP RIM ELEVATION AND CONVERT EXISTING E-INLET TO MANHOLE TOP, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$350.00	\$350.00	\$1,100.00	\$1,100.00
26.	ADJUST EXISTING JUNCTION BOX W/ E-INLET TOP RIM ELEVATION AND CONVERT EXISTING E-INLET TO MANHOLE TOP, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	2	\$1,150.00	\$2,300.00	\$350.00	\$700.00	\$1,300.00	\$2,600.00
27.	ADJUST EXISTING JUNCTION BOX W/ MANHOLE TOPS AND MANHOLE RIM ELEVATION, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	3	\$450.00	\$1,350.00	\$500.00	\$1,500.00	\$730.00	\$2,190.00
28.	UTILITY SPOILS TO BE USED AS FILL WITHIN SECTION, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8,770	\$3.00	\$26,310.00	\$2.65	\$23,240.50	\$2.00	\$17,540.00
29.	REMOVE AND DISPOSE OF EXISTING 2" HMAC ASPHALT, AT DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	SY	810	\$11.00	\$8,910.00	\$8.00	\$6,480.00	\$8.00	\$6,480.00
30.	REMOVE AND DISPOSE OF EXISTING 6" AGGREGATE BASE COURSE, AT DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	SY	878	\$21.00	\$18,438.00	\$8.00	\$7,024.00	\$6.00	\$5,268.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$743,288.25		\$801,625.10		\$796,658.50
BID SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS					\$212,408.00		\$238,177.40		\$221,159.00
SUBTOTAL SANITARY SEWER ITEMS					\$359,361.75		\$351,632.30		\$378,253.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$743,288.25		\$801,625.10		\$796,658.50
TOTAL AMOUNT BID					\$1,315,058.00		\$1,391,434.80		\$1,396,070.50

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 43
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 JANUARY 23, 2018
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 23, 2018
 JOB NUMBER 1931-6043A (9.2)

10) C.E. BARKER, LTD.

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS					
1.	6" P.V.C. WATER PIPE, C-900, DR 14, CLASS 305, ALL DEPTHS, COMPLETE IN PLACE	LF	2,222	\$13.15	\$29,219.30
2.	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	2,886	\$15.20	\$43,867.20
3.	12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	969	\$26.52	\$25,697.88
4.	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	13	\$3,658.10	\$47,555.30
5.	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	12	\$645.04	\$7,740.48
6.	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	9	\$908.42	\$8,175.78
7.	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	5	\$1,889.76	\$9,448.80
8.	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	4.23	\$2,299.55	\$9,727.10
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6,130	\$0.12	\$735.60
10.	12" PLUG & CLAMP, COMPLETE IN PLACE	EA	2	\$288.23	\$576.46
11.	2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	2	\$713.04	\$1,426.08
12.	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE (ALL SIZES)	EA	2	\$803.84	\$1,607.68
13.	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
14.	METHOD "A" CONSTRUCTION FOR WATER, SANITARY SEWER, AND DRAINAGE STAKING BY THE CONTRACTOR PER GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$17,011.00	\$17,011.00
15.	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$10,581.08	\$10,581.08
16.	AUGER OF PROPOSED 6" WATERLINE UNDER EXISTING STORM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	22	\$131.20	\$2,886.40
17.	AUGER OF PROPOSED 12" WATERLINE UNDER EXISTING STROM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	57	\$68.25	\$3,890.25
18.	6" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, RESTRAINED JOINT SECTION, INCLUDING FITTINGS, JOINTS AND VERTICAL ASSEMBLY, UNDER EXISTING STORM SEWER NEAR CUL-DE-SAC ON STANLEY CANYON LANE, ALL DEPTHS, COMPLETE IN PLACE	LF	53	\$49.38	\$2,617.14
SUBTOTAL WATER SYSTEM ITEMS					\$223,763.53
SANITARY SEWER ITEMS					
1.	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, PR 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	2,012	\$21.35	\$42,956.20

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 TO SERVE TAMARRON SECTION 43
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 JANUARY 23, 2018
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 23, 2018
 JOB NUMBER 1931-6043A (9.2)

10) C.E. BARKER, LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
2.	8" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, 12' – 16' DEPTH, COMPLETE IN PLACE	LF	718	\$28.83	\$20,699.94
3.	8" PVC SEWER PIPE, AWWA C-900, DR 18, CLASS 235, OVER 16' DEPTH, COMPLETE IN PLACE	LF	168	\$34.58	\$5,809.44
4.	STANDARD SANITARY SEWER MANHOLE FOR 6" – 24" SANITARY SEWER PIPES, (0' – 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	17	\$1,823.70	\$31,002.90
5.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	17	\$196.35	\$3,337.95
6.	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	44.9	\$137.45	\$6,171.51
7.	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' – 2.5' DEPTH), COMPLETE IN PLACE	EA	3	\$1,221.09	\$3,663.27
8.	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2.5' OF DEPTHS), COMPLETE IN PLACE	VF	7	\$45.99	\$321.93
9.	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	34	\$653.53	\$22,220.02
10.	"LONG SIDE" DOUBLE OR SINGLE 6" 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., COMPLETE IN PLACE	LF	2,471	\$45.10	\$111,442.10
11.	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2,898	\$20.00	\$57,960.00
12.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	5,369	\$1.00	\$5,369.00
13.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,369	\$1.00	\$5,369.00
14.	REMOVE AND DISPOSE EXISTING PLUG, CONNECT PROPOSED SEWER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$647.96	\$647.96
15.	FINAL ADJUSTMENTS TO EXISTING SANITARY MANHOLES, COMPLETE IN PLACE	EA	5	\$394.67	\$1,973.35
16.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED SEWER LINE, ALL SIZES, COMPLETE IN PLACE	EA	10	\$1,325.77	\$13,257.70
17.	BORE AND JACK OF PROPOSED 8" SANITARY SEWER UNDER EXISTING STORM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	21	\$137.43	\$2,886.03
18.	BORE AND JACK OF PROPOSED SANITARY LEADS UNDER EXISTING STORM SEWER, INCLUDING BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	140	\$56.39	\$7,894.60
SUBTOTAL SANITARY SEWER ITEMS					\$342,982.90
DRAINAGE FACILITIES ITEMS					
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	2,189	\$57.95	\$126,852.55
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	600	\$75.10	\$45,060.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 43
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 JANUARY 23, 2018
 LJA ENGINEERING, INC.
 B. ALVAREZ
 JANUARY 23, 2018
 JOB NUMBER 1931-6043A (9.2)

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

10) C.E. BARKER, LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
3.	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	338	\$111.88	\$37,815.44
4.	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	85	\$135.26	\$11,497.10
5.	6' X 5' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES INTERNAL SEAL PER CITY OF FULSHEAR STANDARDS ON ALL JOINTS, COMPLETE IN PLACE	LF	516	\$363.36	\$187,493.76
6.	6' X 6' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES INTERNAL SEAL PER CITY OF FULSHEAR STANDARDS ON ALL JOINTS, COMPLETE IN PLACE	LF	284	\$388.10	\$110,220.40
7.	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	35	\$1,343.03	\$47,006.05
8.	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	35	\$1,178.10	\$41,233.50
9.	STAGE I – STANDARD PRECAST INLET TYPE "C-1," ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	7	\$1,460.84	\$10,225.88
10.	STAGE II – STANDARD PRECAST INLET TYPE "C-1," (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	7	\$1,295.91	\$9,071.37
11.	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	18	\$2,804.18	\$50,475.24
12.	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,394.62	\$4,394.62
13.	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$13,790.84	\$82,745.04
14.	JUNCTION BOX WITH TYPE "E" INLET MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$9,183.29	\$9,183.29
15.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS INCLUDING EXISTING JUNCTION BOXES, COMPLETE IN PLACE	EA	26	\$196.35	\$5,105.10
16.	REMOVE EXISTING BRICK PLUG, ALL SIZES, ALL DEPTHS, AND CONNECT PROPOSED STORM SEWER (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	4	\$765.77	\$3,063.08
17.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,012	\$0.12	\$481.44
18.	RIP RAP, COMPLETE IN PLACE	SY	89	\$64.80	\$5,767.20
19.	4" CONCRETE SLOPE PAVING WITH 2' MINIMUM TOE WALLS ALL AROUND, 2' CLAY LINER BELOW ALL SLOPE PAVING, AND EXPANSION JOINTS, PER DETAIL, COMPLETE IN PLACE	SY	99	\$100.14	\$9,913.86
20.	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN, SPOILS TO BE USED FOR PROP. TEMPORARY BERM, COMPLETE IN PLACE	CY	1,023	\$3.65	\$3,733.95
21.	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN, SPOILS TO BE HAULED TO SECTION, INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTING TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	3,084	\$3.65	\$11,256.60

BID TABULATION FOR:

BID OPENING DATE:
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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 43
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
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10) C.E. BARKER, LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
22.	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	4	\$58.91	\$235.64
23.	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	5,332	\$1.60	\$8,531.20
24.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$2,747.33	\$2,747.33
25.	ADJUST EXISTING MANHOLE W/ E-INLET TOP RIM ELEVATION AND CONVERT EXISTING E-INLET TO MANHOLE TOP, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$2,945.25	\$2,945.25
26.	ADJUST EXISTING JUNCTION BOX W/ E-INLET TOP RIM ELEVATION AND CONVERT EXISTING E-INLET TO MANHOLE TOP, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	2	\$2,945.25	\$5,890.50
27.	ADJUST EXISTING JUNCTION BOX W/ MANHOLE TOPS AND MANHOLE RIM ELEVATION, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	3	\$589.05	\$1,767.15
28.	UTILITY SPOILS TO BE USED AS FILL WITHIN SECTION, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8,770	\$2.48	\$21,749.60
29.	REMOVE AND DISPOSE OF EXISTING 2" HMA ASPHALT, AT DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	SY	810	\$3.64	\$2,948.40
30.	REMOVE AND DISPOSE OF EXISTING 6" AGGREGATE BASE COURSE, AT DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	SY	878	\$4.48	\$3,933.44
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$863,343.98
BID SUMMARY					
SUBTOTAL WATER SYSTEM ITEMS					\$223,763.53
SUBTOTAL SANITARY SEWER ITEMS					\$342,982.90
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$863,343.98
TOTAL AMOUNT BID					\$1,430,090.40