

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, & DRAINAGE FACILITIES
TO SERVE TAMARRON SECTION 44
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
DECEMBER 2, 2020
LJA ENGINEERING, INC.
D. FORREST
DECEMBER 2, 2020
1931-6044A (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID
1) DIMAS BROS. CONSTRUCTION	\$1,088,466.26
2) TEXASITE, LLC	\$1,092,745.40
3) R CONSTRUCTION CIVIL	\$1,135,782.00
4) CE BARKER, LTD	\$1,169,529.81
5) CROSTEX CONSTRUCTION INC.	\$1,275,000.00
6) D. L. ELLIOTT ENTERPRISES, INC.	\$1,298,986.22
7) HARRIS CONSTRUCTION COMPANY, LTD.	\$1,372,737.15
8) BLAZEY CONSTRUCTION SERVICES LLC	\$1,451,838.39

CALENDAR DAYS - 90/110



12-3-2020

Melony F. Gay

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

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 LJA ENGINEERING, INC.
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 1931-6044A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) TEXASITE, LLC		3) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS									
1	6" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1125	\$13.45	\$15,131.25	\$14.00	\$15,750.00	\$13.00	\$14,625.00
2	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	3869	\$18.35	\$70,996.15	\$18.00	\$69,642.00	\$16.00	\$61,904.00
3	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	10	\$3,058.00	\$30,580.00	\$3,700.00	\$37,000.00	\$3,900.00	\$39,000.00
4	6" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	5	\$615.00	\$3,075.00	\$750.00	\$3,750.00	\$800.00	\$4,000.00
5	8" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	9	\$921.00	\$8,289.00	\$1,100.00	\$9,900.00	\$1,100.00	\$9,900.00
6	DUCTILE IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	2.08	\$1.00	\$2.08	\$3,900.00	\$8,112.00	\$2,370.00	\$4,929.60
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4989	\$1.00	\$4,989.00	\$1.00	\$4,989.00	\$1.00	\$4,989.00
8	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND BLOW-OFF VALVE AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATERLINE AS NEEDED, COMPLETE IN PLACE (ALL SIZES)	EA	2	\$284.00	\$568.00	\$350.00	\$700.00	\$180.00	\$360.00
9	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
10	INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
11	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GBI PARTNERS, LP, 281.499.4539, FOR WATER, SANITARY SEWER, AND DRAINAGE, COMPLETE IN PLACE	LS	1	\$17,500.00	\$17,500.00	\$17,500.00	\$17,500.00	\$17,500.00	\$17,500.00
12	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$7,000.00	\$7,000.00	\$6,500.00	\$6,500.00	\$8,460.50	\$8,460.50
13	ALLOWANCE FOR FORT BEND COUNTY PERMIT FOR WORK INSIDE RIGHT OF WAY, AS NECESSARY, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
14	CLEARING AND GRUBBING FOR PLACEMENT OF UTILITY SPOILS TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	28.47	\$884.00	\$25,167.48	\$400.00	\$11,388.00	\$900.00	\$25,623.00
15	REMOVE AND DISPOSE OF EXISTING BARBED WIRE FENCE, COMPLETE IN PLACE	LF	2425	\$0.10	\$242.50	\$2.00	\$4,850.00	\$1.50	\$3,637.50
16	DEMUCK AND SCARIFY EXISTING DRAINAGE SWALES FOR FILL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2485	\$1.00	\$2,485.00	\$1.00	\$2,485.00	\$2.00	\$4,970.00
WATER SYSTEM ITEMS SUBTOTAL:					\$189,025.46		\$195,566.00		\$202,898.60
SANITARY SEWER ITEMS									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, 0-12' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1152	\$29.20	\$33,638.40	\$26.00	\$29,952.00	\$22.00	\$25,344.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, 12'-16' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2040	\$29.90	\$60,996.00	\$28.00	\$57,120.00	\$23.00	\$46,920.00
3	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, OVER 16' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	829	\$31.50	\$26,113.50	\$30.00	\$24,870.00	\$47.00	\$38,963.00

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 TO SERVE TAMARRON SECTION 44
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
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 LJA ENGINEERING, INC.
 D. FORREST
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 1931-6044A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) TEXASITE, LLC		3) R CONSTRUCTION CIVIL	
				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, COMPLETE IN PLACE	EA	24	\$1,784.00	\$42,816.00	\$2,200.00	\$52,800.00	\$1,600.00	\$38,400.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	81.95	\$90.00	\$7,375.50	\$150.00	\$12,292.50	\$100.00	\$8,195.00
6	FINAL ADJUSTMENTS TO SANITARY MANHOLES, INCLUDING EXISTING MANHOLES, COMPLETE IN PLACE	EA	24	\$45.00	\$1,080.00	\$1.00	\$24.00	\$10.00	\$240.00
7	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROP, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	36	\$784.00	\$28,224.00	\$600.00	\$21,600.00	\$750.00	\$27,000.00
8	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER WYE, PLUG, DROP, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2390	\$30.30	\$72,417.00	\$25.00	\$59,750.00	\$27.00	\$64,530.00
9	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' – 2.5' DEPTH), COMPLETE IN PLACE	EA	4	\$625.00	\$2,500.00	\$500.00	\$2,000.00	\$600.00	\$2,400.00
10	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2.5' OF DEPTH), COMPLETE IN PLACE	VF	5.3	\$1.00	\$5.30	\$25.00	\$132.50	\$20.00	\$106.00
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	4000	\$20.00	\$80,000.00	\$20.00	\$80,000.00	\$20.00	\$80,000.00
12	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4021	\$3.00	\$12,063.00	\$3.00	\$12,063.00	\$3.00	\$12,063.00
13	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED SANITARY SEWER, INCLUDES ALL NECESSARY FITTINGS AND APPURTENANCES, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$250.00	\$500.00	\$150.00	\$300.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6411	\$1.00	\$6,411.00	\$1.00	\$6,411.00	\$1.00	\$6,411.00
SANITARY SEWER ITEMS SUBTOTAL:					\$373,839.70		\$359,515.00		\$350,872.00
DRAINAGE FACILITIES ITEMS									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2391	\$56.00	\$133,896.00	\$48.00	\$114,768.00	\$51.00	\$121,941.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	800	\$67.50	\$54,000.00	\$63.00	\$50,400.00	\$65.00	\$52,000.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	424	\$84.80	\$35,955.20	\$85.00	\$36,040.00	\$86.00	\$36,464.00
4	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	302	\$111.00	\$33,522.00	\$107.00	\$32,314.00	\$109.00	\$32,918.00
5	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	82	\$171.00	\$14,022.00	\$185.00	\$15,170.00	\$260.00	\$21,320.00
6	60" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	243	\$208.00	\$50,544.00	\$212.00	\$51,516.00	\$275.00	\$66,825.00
7	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	31	\$790.00	\$24,490.00	\$1,050.00	\$32,550.00	\$850.00	\$26,350.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	31	\$1,165.00	\$36,115.00	\$1,050.00	\$32,550.00	\$1,300.00	\$40,300.00
9	STAGE I – STANDARD PRECAST INLET TYPE "C-1", ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	3	\$1,125.00	\$3,375.00	\$1,050.00	\$3,150.00	\$800.00	\$2,400.00
10	STAGE II - STANDARD PRECAST INLET TYPE "C-1", (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	3	\$1,630.00	\$4,890.00	\$1,500.00	\$4,500.00	\$2,700.00	\$8,100.00
11	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	18	\$1,984.00	\$35,712.00	\$2,300.00	\$41,400.00	\$1,800.00	\$32,400.00
12	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$2,784.00	\$25,056.00	\$3,600.00	\$32,400.00	\$5,800.00	\$52,200.00
13	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER WITH 'A' INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
14	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER WITH 'A' INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,884.00	\$2,884.00	\$5,000.00	\$5,000.00	\$6,200.00	\$6,200.00
15	TYPE "A" INLET, ALL DEPTHS, INCLUDES RIM ELEVATION ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	5	\$1,198.00	\$5,990.00	\$1,800.00	\$9,000.00	\$1,200.00	\$6,000.00
16	FINAL ADJUSTMENT OF EXISTING AND PROPOSED MANHOLE AND JUNCTION BOX RIM AND INLET THROAT AND OPENING ELEVATIONS, COMPLETE IN PLACE	EA	27	\$45.00	\$1,215.00	\$1.00	\$27.00	\$1.00	\$27.00
17	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4242	\$1.00	\$4,242.00	\$1.00	\$4,242.00	\$1.00	\$4,242.00
18	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	194	\$73.00	\$14,162.00	\$75.00	\$14,550.00	\$80.00	\$15,520.00
19	18" RIP RAP, COMPLETE IN PLACE	SY	174	\$45.00	\$7,830.00	\$65.00	\$11,310.00	\$70.00	\$12,180.00
20	DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1963	\$1.50	\$2,944.50	\$5.00	\$9,815.00	\$2.00	\$3,926.00
21	MISCELLANEOUS DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2000	\$2.00	\$4,000.00	\$2.00	\$4,000.00	\$2.00	\$4,000.00
22	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, FOR EXISTING INLETS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	10	\$1.00	\$10.00	\$1.00	\$10.00	\$50.00	\$500.00
23	INSTALLATION, MAINTENANCE, AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, PROJECT BOUNDARY, SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4199	\$1.60	\$6,718.40	\$1.60	\$6,718.40	\$1.60	\$6,718.40
24	COFFER DAM, INCLUDING INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	2	\$1,684.00	\$3,368.00	\$500.00	\$1,000.00	\$2,500.00	\$5,000.00
25	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00
26	UTILITY SPOILS TO BE USED AS FILL FOR LOT FILL, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LOOSE LIFTS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	7580	\$1.00	\$7,580.00	\$1.00	\$7,580.00	\$1.00	\$7,580.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
27	10' BOTTOM OVERFLOW SWALES, PER GRADING PLAN, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	324	\$5.00	\$1,620.00	\$11.00	\$3,564.00	\$5.00	\$1,620.00
28	INSTALL AND MAINTAIN SOD, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	500	\$1.00	\$500.00	\$1.00	\$500.00	\$6.00	\$3,000.00
29	REMOVE AND DISPOSE OF EXISTING 6' WIDE REINFORCED CONCRETE SIDEWALK, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	120	\$13.00	\$1,560.00	\$52.00	\$6,240.00	\$14.00	\$1,680.00
30	6' WIDE REINFORCED CONCRETE SIDEWALK, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	120	\$45.00	\$5,400.00	\$10.00	\$1,200.00	\$35.00	\$4,200.00
31	REMOVE AND DISPOSE OF EXISTING BACK SLOPE INTERCEPTOR STRUCTURE, INCLUDES ALL SLOPE PAVING, 24" OUTFALL PIPE, REGRADING OF LAKE SIDESLOPE, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,150.00	\$1,150.00	\$1,200.00	\$1,200.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$525,601.10		\$537,664.40		\$582,011.40
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER SYSTEM ITEMS					\$189,025.46		\$195,566.00		\$202,898.60
SUBTOTAL SANITARY SEWER ITEMS					\$373,839.70		\$359,515.00		\$350,872.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$525,601.10		\$537,664.40		\$582,011.40
TOTAL AMOUNT BASE BID					\$1,088,466.26		\$1,092,745.40		\$1,135,782.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS									
1	6" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1125	\$12.02	\$13,522.50	\$13.50	\$15,187.50	\$13.00	\$14,625.00
2	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	3869	\$15.87	\$61,401.03	\$17.25	\$66,740.25	\$16.50	\$63,838.50
3	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	10	\$3,483.85	\$34,838.50	\$3,800.00	\$38,000.00	\$3,500.00	\$35,000.00
4	6" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	5	\$687.62	\$3,438.10	\$655.00	\$3,275.00	\$700.00	\$3,500.00
5	8" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	9	\$943.92	\$8,495.28	\$990.00	\$8,910.00	\$1,000.00	\$9,000.00
6	DUCTILE IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	2.08	\$3,779.38	\$7,861.11	\$1,500.00	\$3,120.00	\$2,800.00	\$5,824.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4989	\$1.00	\$4,989.00	\$1.00	\$4,989.00	\$1.00	\$4,989.00
8	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND BLOW-OFF VALVE AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATERLINE AS NEEDED, COMPLETE IN PLACE (ALL SIZES)	EA	2	\$578.49	\$1,156.98	\$1,200.00	\$2,400.00	\$330.00	\$660.00
9	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
10	INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
11	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GBI PARTNERS, LP, 281.499.4539, FOR WATER, SANITARY SEWER, AND DRAINAGE, COMPLETE IN PLACE	LS	1	\$17,500.00	\$17,500.00	\$20,000.00	\$20,000.00	\$17,500.00	\$17,500.00
12	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$8,911.98	\$8,911.98	\$10,422.35	\$10,422.35	\$9,669.87	\$9,669.87
13	ALLOWANCE FOR FORT BEND COUNTY PERMIT FOR WORK INSIDE RIGHT OF WAY, AS NECESSARY, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
14	CLEARING AND GRUBBING FOR PLACEMENT OF UTILITY SPOILS TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	28.47	\$470.41	\$13,392.57	\$2,500.00	\$71,175.00	\$4,500.00	\$128,115.00
15	REMOVE AND DISPOSE OF EXISTING BARBED WIRE FENCE, COMPLETE IN PLACE	LF	2425	\$2.98	\$7,226.50	\$4.50	\$10,912.50	\$1.00	\$2,425.00
16	DEMUCK AND SCARIFY EXISTING DRAINAGE SWALES FOR FILL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2485	\$4.04	\$10,039.40	\$4.50	\$11,182.50	\$2.00	\$4,970.00
WATER SYSTEM ITEMS SUBTOTAL:					\$195,772.95		\$269,314.10		\$303,116.37
SANITARY SEWER ITEMS									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, 0-12' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1152	\$25.99	\$29,940.48	\$24.25	\$27,936.00	\$21.00	\$24,192.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, 12'-16' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2040	\$29.81	\$60,812.40	\$27.75	\$56,610.00	\$24.00	\$48,960.00
3	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, OVER 16' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	829	\$38.75	\$32,123.75	\$32.75	\$27,149.75	\$35.00	\$29,015.00

BID TABULATION FOR:

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LJA JOB NO.

CONSTRUCTION OF WATER, SANITARY SEWER, & DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 44
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 DECEMBER 2, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 DECEMBER 2, 2020
 1931-6044A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) CE BARKER, LTD		5) CROSTEX CONSTRUCTION INC.		6) D. L. ELLIOTT ENTERPRISES, INC.	
				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, COMPLETE IN PLACE	EA	24	\$1,649.39	\$39,585.36	\$2,050.00	\$49,200.00	\$1,900.00	\$45,600.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	81.95	\$135.65	\$11,116.52	\$205.00	\$16,799.75	\$131.00	\$10,735.45
6	FINAL ADJUSTMENTS TO SANITARY MANHOLES, INCLUDING EXISTING MANHOLES, COMPLETE IN PLACE	EA	24	\$0.01	\$0.24	\$50.00	\$1,200.00	\$1.00	\$24.00
7	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROP, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	36	\$661.85	\$23,826.60	\$825.00	\$29,700.00	\$800.00	\$28,800.00
8	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER WYE, PLUG, DROP, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2390	\$37.36	\$89,290.40	\$27.50	\$65,725.00	\$29.00	\$69,310.00
9	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' – 2.5' DEPTH), COMPLETE IN PLACE	EA	4	\$812.50	\$3,250.00	\$500.00	\$2,000.00	\$830.00	\$3,320.00
10	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2.5' OF DEPTH), COMPLETE IN PLACE	VF	5.3	\$43.59	\$231.03	\$50.00	\$265.00	\$40.00	\$212.00
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	4000	\$20.00	\$80,000.00	\$20.00	\$80,000.00	\$20.00	\$80,000.00
12	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4021	\$3.00	\$12,063.00	\$3.00	\$12,063.00	\$3.00	\$12,063.00
13	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED SANITARY SEWER, INCLUDES ALL NECESSARY FITTINGS AND APPURTENANCES, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	2	\$402.69	\$805.38	\$1,500.00	\$3,000.00	\$185.00	\$370.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6411	\$1.00	\$6,411.00	\$1.00	\$6,411.00	\$1.00	\$6,411.00
SANITARY SEWER ITEMS SUBTOTAL:					\$389,456.16	\$378,059.50	\$359,012.45		
DRAINAGE FACILITIES ITEMS									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2391	\$52.31	\$125,073.21	\$53.00	\$126,723.00	\$52.00	\$124,332.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	800	\$63.75	\$51,000.00	\$65.75	\$52,600.00	\$64.00	\$51,200.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	424	\$85.45	\$36,230.80	\$88.75	\$37,630.00	\$94.00	\$39,856.00
4	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	302	\$108.54	\$32,779.08	\$119.00	\$35,938.00	\$121.00	\$36,542.00
5	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	82	\$175.22	\$14,368.04	\$194.00	\$15,908.00	\$210.00	\$17,220.00
6	60" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	243	\$203.53	\$49,457.79	\$235.00	\$57,105.00	\$246.00	\$59,778.00
7	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	31	\$1,189.88	\$36,886.28	\$1,800.00	\$55,800.00	\$1,120.00	\$34,720.00

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 TO SERVE TAMARRON SECTION 44
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 DECEMBER 2, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 DECEMBER 2, 2020
 1931-6044A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) CE BARKER, LTD		5) CROSTEX CONSTRUCTION INC.		6) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	31	\$1,086.86	\$33,692.66	\$450.00	\$13,950.00	\$1,680.00	\$52,080.00
9	STAGE I – STANDARD PRECAST INLET TYPE "C-1", ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	3	\$1,292.90	\$3,878.70	\$1,800.00	\$5,400.00	\$1,600.00	\$4,800.00
10	STAGE II - STANDARD PRECAST INLET TYPE "C-1", (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	3	\$1,395.92	\$4,187.76	\$600.00	\$1,800.00	\$2,400.00	\$7,200.00
11	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	18	\$2,251.16	\$40,520.88	\$2,350.00	\$42,300.00	\$2,080.00	\$37,440.00
12	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$5,290.25	\$47,612.25	\$5,000.00	\$45,000.00	\$6,500.00	\$58,500.00
13	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER WITH 'A' INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,766.26	\$2,766.26	\$7,000.00	\$7,000.00	\$4,400.00	\$4,400.00
14	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER WITH 'A' INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,805.35	\$5,805.35	\$7,000.00	\$7,000.00	\$7,100.00	\$7,100.00
15	TYPE "A" INLET, ALL DEPTHS, INCLUDES RIM ELEVATION ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	5	\$2,029.49	\$10,147.45	\$1,850.00	\$9,250.00	\$1,560.00	\$7,800.00
16	FINAL ADJUSTMENT OF EXISTING AND PROPOSED MANHOLE AND JUNCTION BOX RIM AND INLET THROAT AND OPENING ELEVATIONS, COMPLETE IN PLACE	EA	27	\$0.01	\$0.27	\$100.00	\$2,700.00	\$1.00	\$27.00
17	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4242	\$1.00	\$4,242.00	\$1.00	\$4,242.00	\$1.00	\$4,242.00
18	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	194	\$80.36	\$15,589.84	\$125.00	\$24,250.00	\$100.00	\$19,400.00
19	18" RIP RAP, COMPLETE IN PLACE	SY	174	\$75.20	\$13,084.80	\$95.00	\$16,530.00	\$90.00	\$15,660.00
20	DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1963	\$4.22	\$8,283.86	\$4.00	\$7,852.00	\$2.00	\$3,926.00
21	MISCELLANEOUS DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2000	\$2.00	\$4,000.00	\$2.00	\$4,000.00	\$4.00	\$8,000.00
22	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, FOR EXISTING INLETS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	10	\$54.60	\$546.00	\$50.00	\$500.00	\$50.00	\$500.00
23	INSTALLATION, MAINTENANCE, AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, PROJECT BOUNDARY, SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4199	\$1.60	\$6,718.40	\$1.60	\$6,718.40	\$1.60	\$6,718.40
24	COFFER DAM, INCLUDING INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	2	\$8,370.38	\$16,740.76	\$6,000.00	\$12,000.00	\$4,000.00	\$8,000.00
25	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$0.01	\$0.01	\$750.00	\$750.00	\$1,000.00	\$1,000.00
26	UTILITY SPOILS TO BE USED AS FILL FOR LOT FILL, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LOOSE LIFTS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	7580	\$1.00	\$7,580.00	\$1.00	\$7,580.00	\$1.00	\$7,580.00

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CONSTRUCTION OF WATER, SANITARY SEWER, & DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 44
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 DECEMBER 2, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 DECEMBER 2, 2020
 1931-6044A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) CE BARKER, LTD		5) CROSTEX CONSTRUCTION INC.		6) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
27	10" BOTTOM OVERFLOW SWALES, PER GRADING PLAN, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	324	\$10.33	\$3,346.92	\$25.00	\$8,100.00	\$9.00	\$2,916.00
28	INSTALL AND MAINTAIN SOD, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	500	\$5.41	\$2,705.00	\$5.00	\$2,500.00	\$14.00	\$7,000.00
29	REMOVE AND DISPOSE OF EXISTING 6' WIDE REINFORCED CONCRETE SIDEWALK, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	120	\$4.29	\$514.80	\$25.00	\$3,000.00	\$6.00	\$720.00
30	6' WIDE REINFORCED CONCRETE SIDEWALK, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	120	\$44.64	\$5,356.80	\$50.00	\$6,000.00	\$60.00	\$7,200.00
31	REMOVE AND DISPOSE OF EXISTING BACK SLOPE INTERCEPTOR STRUCTURE, INCLUDES ALL SLOPE PAVING, 24" OUTFALL PIPE, REGRADING OF LAKE SIDESLOPE, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$1,184.73	\$1,184.73	\$7,500.00	\$7,500.00	\$1,000.00	\$1,000.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$584,300.70		\$627,626.40		\$636,857.40
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER SYSTEM ITEMS					\$195,772.95		\$269,314.10		\$303,116.37
SUBTOTAL SANITARY SEWER ITEMS					\$389,456.16		\$378,059.50		\$359,012.45
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$584,300.70		\$627,626.40		\$636,857.40
TOTAL AMOUNT BASE BID					\$1,169,529.81		\$1,275,000.00		\$1,298,986.22

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 TO SERVE TAMARRON SECTION 44
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 DECEMBER 2, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 DECEMBER 2, 2020
 1931-6044A (9.2)

7) HARRIS CONSTRUCTION COMPANY, LTD. 8) BLAZEY CONSTRUCTION SERVICES LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS							
1	6" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1125	\$15.00	\$16,875.00	\$12.65	\$14,231.25
2	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	3869	\$19.00	\$73,511.00	\$18.13	\$70,144.97
3	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	10	\$3,885.00	\$38,850.00	\$3,159.90	\$31,599.00
4	6" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	5	\$650.00	\$3,250.00	\$659.13	\$3,295.65
5	8" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	9	\$995.00	\$8,955.00	\$986.01	\$8,874.09
6	DUCTILE IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	2.08	\$2,000.00	\$4,160.00	\$1,833.35	\$3,813.37
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4989	\$1.00	\$4,989.00	\$1.00	\$4,989.00
8	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND BLOW-OFF VALVE AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATERLINE AS NEEDED, COMPLETE IN PLACE (ALL SIZES)	EA	2	\$200.00	\$400.00	\$198.57	\$397.14
9	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
10	INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00
11	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GBI PARTNERS, LP, 281.499.4539, FOR WATER, SANITARY SEWER, AND DRAINAGE, COMPLETE IN PLACE	LS	1	\$17,500.00	\$17,500.00	\$17,500.00	\$17,500.00
12	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$10,890.00	\$10,890.00
13	ALLOWANCE FOR FORT BEND COUNTY PERMIT FOR WORK INSIDE RIGHT OF WAY, AS NECESSARY, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
14	CLEARING AND GRUBBING FOR PLACEMENT OF UTILITY SPOILS TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	28.47	\$1,500.00	\$42,705.00	\$8,523.48	\$242,663.48
15	REMOVE AND DISPOSE OF EXISTING BARBED WIRE FENCE, COMPLETE IN PLACE	LF	2425	\$3.00	\$7,275.00	\$1.07	\$2,594.75
16	DEMUCK AND SCARIFY EXISTING DRAINAGE SWALES FOR FILL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2485	\$2.50	\$6,212.50	\$1.60	\$3,976.00
WATER SYSTEM ITEMS SUBTOTAL:					\$242,682.50		\$417,968.70
SANITARY SEWER ITEMS							
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, 0-12' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1152	\$29.00	\$33,408.00	\$32.85	\$37,843.20
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, 12'-16' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2040	\$32.00	\$65,280.00	\$41.47	\$84,598.80
3	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, OVER 16' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	829	\$36.00	\$29,844.00	\$67.30	\$55,791.70

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7) HARRIS CONSTRUCTION COMPANY, LTD. 8) BLAZEY CONSTRUCTION SERVICES LLC

ITEM	DESCRIPTION	UNIT	QTY	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, COMPLETE IN PLACE	EA	24	\$3,075.00	\$73,800.00	\$2,024.33	\$48,583.92
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	81.95	\$255.00	\$20,897.25	\$111.87	\$9,167.75
6	FINAL ADJUSTMENTS TO SANITARY MANHOLES, INCLUDING EXISTING MANHOLES, COMPLETE IN PLACE	EA	24	\$250.00	\$6,000.00	\$25.00	\$600.00
7	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROP, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	36	\$525.00	\$18,900.00	\$759.88	\$27,355.68
8	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER WYE, PLUG, DROP, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2390	\$42.75	\$102,172.50	\$45.45	\$108,625.50
9	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' – 2.5' DEPTH), COMPLETE IN PLACE	EA	4	\$500.00	\$2,000.00	\$402.43	\$1,609.72
10	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2.5' OF DEPTH), COMPLETE IN PLACE	VF	5.3	\$15.00	\$79.50	\$10.80	\$56.18
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	4000	\$20.00	\$80,000.00	\$20.00	\$80,000.00
12	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4021	\$3.00	\$12,063.00	\$3.00	\$12,063.00
13	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED SANITARY SEWER, INCLUDES ALL NECESSARY FITTINGS AND APPURTENANCES, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	2	\$200.00	\$400.00	\$125.45	\$250.90
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6411	\$1.00	\$6,411.00	\$1.00	\$6,411.00
SANITARY SEWER ITEMS SUBTOTAL:					\$451,255.25		\$472,957.35
DRAINAGE FACILITIES ITEMS							
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2391	\$60.00	\$143,460.00	\$49.83	\$119,143.53
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	800	\$72.00	\$57,600.00	\$60.19	\$48,152.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	424	\$98.00	\$41,552.00	\$80.74	\$34,233.76
4	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	302	\$128.00	\$38,656.00	\$106.85	\$32,268.70
5	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	82	\$229.00	\$18,778.00	\$175.63	\$14,401.66
6	60" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	243	\$270.00	\$65,610.00	\$205.72	\$49,989.96
7	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	31	\$750.00	\$23,250.00	\$1,054.78	\$32,698.18

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, & DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 44
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 DECEMBER 2, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 DECEMBER 2, 2020
 1931-6044A (9.2)

7) HARRIS CONSTRUCTION COMPANY, LTD. 8) BLAZEY CONSTRUCTION SERVICES LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	STAGE II – STANDARD 5" PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	31	\$1,100.00	\$34,100.00	\$1,099.53	\$34,085.43
9	STAGE I – STANDARD PRECAST INLET TYPE "C-1", ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	3	\$850.00	\$2,550.00	\$1,134.69	\$3,404.07
10	STAGE II - STANDARD PRECAST INLET TYPE "C-1", (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	3	\$2,400.00	\$7,200.00	\$1,419.16	\$4,257.48
11	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	18	\$2,900.00	\$52,200.00	\$2,577.29	\$46,391.22
12	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$6,300.00	\$56,700.00	\$5,069.34	\$45,624.06
13	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER WITH 'A' INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$7,950.00	\$7,950.00	\$6,506.61	\$6,506.61
14	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER WITH 'A' INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$8,100.00	\$8,100.00	\$6,207.22	\$6,207.22
15	TYPE "A" INLET, ALL DEPTHS, INCLUDES RIM ELEVATION ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	5	\$1,600.00	\$8,000.00	\$1,110.18	\$5,550.90
16	FINAL ADJUSTMENT OF EXISTING AND PROPOSED MANHOLE AND JUNCTION BOX RIM AND INLET THROAT AND OPENING ELEVATIONS, COMPLETE IN PLACE	EA	27	\$150.00	\$4,050.00	\$25.00	\$675.00
17	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4242	\$1.00	\$4,242.00	\$1.00	\$4,242.00
18	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	194	\$120.00	\$23,280.00	\$58.07	\$11,265.58
19	18" RIP RAP, COMPLETE IN PLACE	SY	174	\$115.00	\$20,010.00	\$85.23	\$14,830.02
20	DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1963	\$3.00	\$5,889.00	\$2.58	\$5,064.54
21	MISCELLANEOUS DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2000	\$3.00	\$6,000.00	\$2.00	\$4,000.00
22	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, FOR EXISTING INLETS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	10	\$50.00	\$500.00	\$53.27	\$532.70
23	INSTALLATION, MAINTENANCE, AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, PROJECT BOUNDARY, SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4199	\$1.60	\$6,718.40	\$1.60	\$6,718.40
24	COFFER DAM, INCLUDING INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00	\$6,925.33	\$13,850.66
25	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$692.53	\$692.53
26	UTILITY SPOILS TO BE USED AS FILL FOR LOT FILL, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LOOSE LIFTS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	7580	\$2.00	\$15,160.00	\$1.00	\$7,580.00

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, & DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 44
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 DECEMBER 2, 2020
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7) HARRIS CONSTRUCTION COMPANY, LTD. 8) BLAZEY CONSTRUCTION SERVICES LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
27	10' BOTTOM OVERFLOW SWALES, PER GRADING PLAN, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	324	\$6.00	\$1,944.00	\$3.78	\$1,224.72
28	INSTALL AND MAINTAIN SOD, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	500	\$6.50	\$3,250.00	\$4.79	\$2,395.00
29	REMOVE AND DISPOSE OF EXISTING 6' WIDE REINFORCED CONCRETE SIDEWALK, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	120	\$35.00	\$4,200.00	\$10.65	\$1,278.00
30	6' WIDE REINFORCED CONCRETE SIDEWALK, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	120	\$55.00	\$6,600.00	\$17.05	\$2,046.00
31	REMOVE AND DISPOSE OF EXISTING BACK SLOPE INTERCEPTOR STRUCTURE, INCLUDES ALL SLOPE PAVING, 24" OUTFALL PIPE, REGRADING OF LAKE SIDESLOPE, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00	\$1,602.41	\$1,602.41

DRAINAGE FACILITIES ITEMS SUBTOTAL:

\$678,799.40 **\$560,912.34**

BIDDING SUMMARY

SUBTOTAL WATER SYSTEM ITEMS	\$242,682.50	\$417,968.70
SUBTOTAL SANITARY SEWER ITEMS	\$451,255.25	\$472,957.35
SUBTOTAL DRAINAGE FACILITIES ITEMS	\$678,799.40	\$560,912.34
TOTAL AMOUNT BASE BID	\$1,372,737.15	\$1,451,838.39

LJA Engineering, Inc.