

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
TO SERVE TAMARRON SECTION 42
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
APRIL 7, 2021
LJA ENGINEERING, INC.
D. FORREST
APRIL 7, 2021
1931-8042A (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID
1) TEXASITE, LLC	\$2,064,409.20
2) CE BARKER, LTD	\$2,090,589.34
3) R CONSTRUCTION CIVIL	\$2,191,066.80

CALENDAR DAYS - 150/165

Melony F. Gay

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



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 APRIL 7, 2021
 LJA ENGINEERING, INC.
 D. FORREST
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 1931-6042A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) TEXASITE, LLC		2) CE BARKER, LTD		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	394	\$17.00	\$6,698.00	\$14.48	\$5,705.12	\$18.00	\$7,082.00
2	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1283	\$22.00	\$28,226.00	\$20.11	\$25,801.13	\$25.00	\$32,075.00
3	16" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1420	\$67.00	\$95,140.00	\$68.14	\$96,758.80	\$58.00	\$82,360.00
4	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	3	\$3,700.00	\$11,100.00	\$4,076.33	\$12,228.99	\$4,800.00	\$14,400.00
5	8" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	4	\$1,100.00	\$4,400.00	\$1,134.01	\$4,536.04	\$1,200.00	\$4,800.00
6	16" AWWA BUTTERFLY VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	3	\$4,800.00	\$14,400.00	\$8,266.23	\$24,798.69	\$4,500.00	\$13,500.00
7	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	2.84	\$3,000.00	\$8,520.00	\$3,883.94	\$11,030.39	\$3,500.00	\$9,940.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3097	\$1.00	\$3,097.00	\$1.00	\$3,097.00	\$1.00	\$3,097.00
9	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	\$700.00	\$1,400.00	\$762.41	\$1,524.82	\$400.00	\$800.00
10	BORE AND JACK OR TUNNEL FOR 24" PVC CASING FOR 16" WATERLINE (EXCLUDES PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	252	\$250.00	\$63,000.00	\$79.43	\$20,016.36	\$120.00	\$30,240.00
11	24" PVC CASING FOR 16" WATER LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	252	\$110.00	\$27,720.00	\$116.03	\$29,239.56	\$95.00	\$23,940.00
12	16" PVC RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	294	\$110.00	\$32,340.00	\$113.74	\$33,439.56	\$80.00	\$23,520.00
13	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	\$8,740.00	\$8,740.00	\$8,740.00	\$8,740.00	\$8,740.00	\$8,740.00
14	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
15	16" PLUG & CLAMP AND 2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$950.00	\$950.00	\$1,936.60	\$1,936.60	\$1,500.00	\$1,500.00
16	CITY OF FULSHEAR INSPECTION FEE FOR ALL WATER SYSTEM, SANITARY SEWER, AND DRAINAGE FACILITY ITEMS, 0.75% OF THE TOTAL CONSTRUCTION COST, COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$20,686.88	\$20,686.88	\$17,000.00	\$17,000.00
WATER SYSTEM ITEMS SUBTOTAL:					\$322,231.00		\$301,039.94		\$274,504.00
TAMARRON POINT WATER SYSTEM ITEMS									
1	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	42	\$22.00	\$924.00	\$21.23	\$891.66	\$24.00	\$1,008.00
2	12" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	862	\$39.00	\$33,618.00	\$38.58	\$33,255.96	\$40.00	\$34,480.00
3	16" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	341	\$67.00	\$22,847.00	\$69.25	\$23,614.25	\$65.00	\$22,185.00

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 APRIL 7, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 APRIL 7, 2021
 1931-6042A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) TEXASITE, LLC		2) CE BARKER, LTD		3) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	12" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, RESTRAINED JOINTS, INCLUDING FITTINGS, JOINTS AND VERTICAL OFFSET ASSEMBLY, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	138	\$68.00	\$9,384.00	\$77.52	\$10,697.76	\$65.00	\$8,970.00
5	BORE AND JACK FOR 20" P.V.C. WATERLINE CASING, INCLUDES BORE PITS AND INSTALLATION OF 12" P.V.C. WATER PIPE, PIPE NOT INCLUDED, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$112.00	\$11,200.00	\$70.13	\$7,013.00	\$90.00	\$9,000.00
6	20" PVC CASING FOR PROPOSED 12" WATER LINE, QUANTITY DOES NOT INCLUDE 12" WATER LINE, COMPLETE IN PLACE	LF	100	\$94.00	\$9,400.00	\$114.90	\$11,490.00	\$90.00	\$9,000.00
7	8" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	1	\$1,150.00	\$1,150.00	\$1,131.76	\$1,131.76	\$1,200.00	\$1,200.00
8	12" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	4	\$2,150.00	\$8,600.00	\$2,236.49	\$8,945.96	\$2,400.00	\$9,600.00
9	16" AWWA BUTTERFLY VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	1	\$4,800.00	\$4,800.00	\$8,294.94	\$8,294.94	\$4,500.00	\$4,500.00
10	8" PLUG & CLAMP, COMPLETE IN PLACE	EA	1	\$270.00	\$270.00	\$250.12	\$250.12	\$200.00	\$200.00
11	12" PLUG & CLAMP, COMPLETE IN PLACE	EA	2	\$400.00	\$800.00	\$328.84	\$657.68	\$200.00	\$400.00
12	16" PLUG & CLAMP, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$1,726.29	\$1,726.29	\$300.00	\$300.00
13	2" BLOW OFF ASSEMBLY BOX, COMPLETE IN PLACE	EA	4	\$650.00	\$2,600.00	\$339.35	\$1,357.40	\$1,000.00	\$4,000.00
14	AIR RELEASE VALVE ON 12" P.V.C. WATER LINE, TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$9,750.00	\$9,750.00	\$7,233.29	\$7,233.29	\$6,500.00	\$6,500.00
15	AIR RELEASE VALVE ON 16" P.V.C. WATER LINE, TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$13,150.00	\$13,150.00	\$15,089.29	\$15,089.29	\$1,000.00	\$1,000.00
16	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	3	\$4,300.00	\$12,900.00	\$4,693.62	\$14,080.86	\$5,200.00	\$15,600.00
17	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1384	\$1.00	\$1,384.00	\$1.00	\$1,384.00	\$1.00	\$1,384.00
18	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	1	\$600.00	\$600.00	\$928.13	\$928.13	\$800.00	\$900.00
19	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
20	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GBI PARTNERS, LP, 281.499.4539, FOR WATER, SANITARY SEWER, DRAINAGE, AND PAVING, COMPLETE IN PLACE	LS	1	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00
21	AS-BUILT FINAL GRADING SURVEY BY THE CONTRACTOR, INCLUDING TOP OF CURB, INLET THROAT ELEVATIONS, MANHOLE RIM ELEVATIONS, GRADEBREAKS, SWALES, FILL AREAS, ETC., PER GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
22	ALLOWANCE FOR FORT BEND COUNTY PERMIT FOR WORK INSIDE RIGHT OF WAY, AS NECESSARY, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
23	DUCTILE IRON WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.9	\$2,900.00	\$2,610.00	\$6,587.27	\$5,928.54	\$4,000.00	\$3,600.00
TAMARRON POINT WATER SYSTEM ITEMS SUBTOTAL:					\$154,287.00		\$160,470.89		\$140,307.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
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	1523	\$40.00	\$60,920.00	\$32.11	\$48,903.53	\$28.00	\$42,644.00	
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	547	\$45.00	\$24,615.00	\$36.27	\$19,839.69	\$30.00	\$16,410.00	
3	10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, OVER 16' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1583	\$48.00	\$75,984.00	\$71.72	\$113,532.76	\$60.00	\$94,980.00	
4	18" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, OVER 16' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	96	\$80.00	\$7,680.00	\$138.02	\$13,249.92	\$115.00	\$11,040.00	
5	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	25	\$4,500.00	\$112,500.00	\$2,163.87	\$54,096.75	\$2,500.00	\$62,500.00	
6	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0'- 8' DEPTH) INCLUDING INFLOW PROTECTOR, RAMNEK AT ALL JOINTS, AND CORROSION RESISTANCE FOR FORCEMAIN DISCHARGE (M.H. S-5A), COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$12,643.35	\$12,643.35	\$3,500.00	\$3,500.00	
7	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	128.2	\$185.00	\$23,717.00	\$147.74	\$18,940.27	\$150.00	\$19,230.00	
8	FINAL ADJUSTMENTS TO SANITARY MANHOLES, INCLUDING EXISTING MANHOLES, COMPLETE IN PLACE	EA	26	\$1.00	\$26.00	\$0.01	\$0.26	\$1.00	\$26.00	
9	"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	22	\$770.00	\$16,940.00	\$903.96	\$19,887.12	\$800.00	\$17,600.00	
10	"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	451	\$32.00	\$14,432.00	\$46.32	\$20,890.32	\$44.00	\$19,844.00	
11	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' - 2.5' DEPTH), COMPLETE IN PLACE	EA	6	\$1,850.00	\$11,100.00	\$1,514.73	\$9,088.38	\$600.00	\$3,600.00	
12	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2.5' OF DEPTHS), COMPLETE IN PLACE	VF	18.76	\$45.00	\$844.20	\$52.51	\$985.09	\$30.00	\$562.80	
13	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	3749	\$20.00	\$74,980.00	\$20.00	\$74,980.00	\$20.00	\$74,980.00	
14	BORE AND JACK OR TUNNEL FOR 10" SANITARY SEWER (EXCLUDES PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	252	\$95.00	\$23,940.00	\$247.73	\$62,427.96	\$300.00	\$75,600.00	
15	16" PVC CASING FOR 10" SANITARY SEWER, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	252	\$71.00	\$17,892.00	\$35.02	\$8,825.04	\$60.00	\$15,120.00	
16	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4200	\$1.00	\$4,200.00	\$1.00	\$4,200.00	\$1.00	\$4,200.00	
17	10" SANITARY SEWER PLUG COMPLETE IN PLACE	EA	2	\$250.00	\$500.00	\$270.59	\$541.18	\$100.00	\$200.00	
18	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 18" SANITARY SEWER LINE, INCLUDING ALL SEALS AND APPURTENANCES NECESSARY, COMPLETE IN PLACE	EA	1	\$1,850.00	\$1,850.00	\$5,222.91	\$5,222.91	\$1,800.00	\$1,800.00	

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19	BYPASS SANITARY SEWER PUMPING THROUGHOUT CONSTRUCTION DURATION TO MAINTAIN EXISTING SANITARY SEWAGE FLOW, INCLUDES ALL APPURTENANCES, COMPLETE IN PLACE	DAY	7	\$250.00	\$1,750.00	\$1,294.32	\$9,060.24	\$1,000.00	\$7,000.00
20	REMOVE AND DISPOSE OF EXISTING 8' CHAIN LINK FENCE AROUND ADJACENT LIFT STATION NO. 3, INCLUDES BARBED WIRE, ALL POLES, AND GATE, COMPLETE IN PLACE	LF	425	\$30.00	\$12,750.00	\$14.76	\$6,273.00	\$5.00	\$2,125.00
21	8' TALL BRICK FENCE, COLOR TO MATCH EXISTING BRICK IN SUBDIVISION, INCLUDES INTERMEDIATE IN-LINE COLUMNS 10' ON CENTER, INCLUDING 22' DOUBLE SWING WOOD GATES AND ALL APPURTENANCES, CONTACT JOE HOLLOWAY AT ACME BRICK, 979.218.8611, COMPLETE IN PLACE	LF	403	\$200.00	\$80,600.00	\$172.37	\$69,465.11	\$750.00	\$302,250.00
22	CORNER AND GATE BRICK COLUMNS, TO MATCH EXISTING COLUMNS AT EXISTING LIFT STATIONS IN SUBDIVISION, COMPLETE IN PLACE	EA	7	\$3,000.00	\$21,000.00	\$3,438.13	\$24,066.91	\$2,500.00	\$17,500.00
SANITARY SEWER ITEMS SUBTOTAL:					\$592,720.20		\$597,119.79		\$792,711.80
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	746	\$60.00	\$44,760.00	\$66.43	\$49,556.78	\$65.00	\$48,490.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	296	\$77.00	\$22,792.00	\$81.76	\$24,200.96	\$85.00	\$25,160.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	42	\$107.00	\$4,494.00	\$111.75	\$4,693.50	\$115.00	\$4,830.00
4	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	30	\$140.00	\$4,200.00	\$144.01	\$4,320.30	\$150.00	\$4,500.00
5	60" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	217	\$275.00	\$59,675.00	\$274.86	\$59,644.62	\$280.00	\$60,760.00
6	5' 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	111	\$365.00	\$40,515.00	\$397.64	\$44,138.04	\$360.00	\$39,960.00
7	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	15	\$1,250.00	\$18,750.00	\$1,408.11	\$21,121.65	\$1,000.00	\$15,000.00
8	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	15	\$1,250.00	\$18,750.00	\$1,295.91	\$19,438.65	\$1,700.00	\$25,500.00
9	STAGE I - STANDARD PRECAST INLET TYPE "C-1", ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	2	\$1,250.00	\$2,500.00	\$1,408.11	\$2,816.22	\$1,200.00	\$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	2	\$1,700.00	\$3,400.00	\$1,520.31	\$3,040.62	\$2,000.00	\$4,000.00
11	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$2,100.00	\$18,900.00	\$2,315.05	\$20,835.45	\$2,800.00	\$25,200.00
12	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,300.00	\$8,600.00	\$3,511.86	\$7,023.72	\$5,000.00	\$10,000.00
13	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER WITH REINFORCED CONCRETE TYPE "A" INLET TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS COMPLETE IN PLACE	EA	1	\$5,100.00	\$5,100.00	\$8,031.28	\$8,031.28	\$7,000.00	\$7,000.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 42
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 APRIL 7, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 APRIL 7, 2021
 1931-6042A (0.2)

ITEM	DESCRIPTION	UNIT	QTY	1) TEXASITE, LLC		2) CE BARKER, LTD		3) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00	\$9,985.80	\$9,985.80	\$10,000.00	\$10,000.00
15	FINAL ADJUSTMENT OF EXISTING AND PROPOSED MANHOLE AND JUNCTION BOX RIM AND INLET THROAT AND OPENING ELEVATIONS, COMPLETE IN PLACE	EA	13	\$6,000.00	\$78,000.00	\$0.01	\$0.13	\$1.00	\$13.00
16	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1442	\$1.00	\$1,442.00	\$1.00	\$1,442.00	\$1.00	\$1,442.00
17	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	37	\$50.00	\$1,850.00	\$59.47	\$2,200.39	\$10.00	\$370.00
18	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	3630	\$1.60	\$5,808.00	\$1.60	\$5,808.00	\$1.60	\$5,808.00
19	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$1,700.00	\$1,700.00	\$729.30	\$729.30	\$800.00	\$800.00
20	8" BRICKWALL PLUG (ALL SIZES), COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$353.43	\$353.43	\$500.00	\$500.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$347,536.00		\$289,380.84		\$291,733.00
TAMARRON POINT 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	1107	\$60.00	\$66,420.00	\$68.03	\$75,309.21	\$62.00	\$68,634.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	276	\$77.00	\$21,252.00	\$83.36	\$23,007.36	\$85.00	\$23,460.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	40	\$107.00	\$4,280.00	\$113.35	\$4,534.00	\$115.00	\$4,600.00
4	5' 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	12	\$365.00	\$4,380.00	\$396.32	\$4,755.84	\$375.00	\$4,500.00
5	5' 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	150	\$450.00	\$67,500.00	\$472.91	\$70,936.50	\$470.00	\$70,500.00
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	54	\$490.00	\$26,460.00	\$510.17	\$27,549.18	\$485.00	\$26,190.00
7	6' X 7' 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	244	\$580.00	\$141,520.00	\$589.96	\$143,950.24	\$555.00	\$135,420.00
8	7' X 7' 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	290	\$625.00	\$181,250.00	\$631.05	\$183,004.50	\$605.00	\$175,450.00
9	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	12	\$1,250.00	\$15,000.00	\$1,408.11	\$16,897.32	\$1,300.00	\$15,600.00
10	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	12	\$1,250.00	\$15,000.00	\$1,295.91	\$15,550.92	\$1,800.00	\$21,600.00
11	STAGE I - STANDARD PRECAST INLET TYPE "C-1", ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	2	\$1,250.00	\$2,500.00	\$1,408.11	\$2,816.22	\$1,200.00	\$2,400.00

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 APRIL 7, 2021
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ITEM	DESCRIPTION	UNIT	QTY	1) TEXASITE, LLC		2) CE BARKER, LTD		3) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12	STAGE II - STANDARD PRECAST INLET TYPE "C-1", (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$1,700.00	\$3,400.00	\$1,520.31	\$3,040.62	\$2,000.00	\$4,000.00
13	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,250.00	\$13,500.00	\$2,445.96	\$14,675.76	\$3,000.00	\$18,000.00
14	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$6,000.00	\$30,000.00	\$12,845.78	\$64,228.90	\$11,000.00	\$55,000.00
15	JUNCTION BOX WITH TYPE "A" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00	\$12,845.78	\$12,845.78	\$12,000.00	\$12,000.00
16	TYPE A INLET, COMPLETE IN PLACE	EA	3	\$2,400.00	\$7,200.00	\$2,277.66	\$6,832.98	\$3,000.00	\$9,000.00
17	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2173	\$1.00	\$2,173.00	\$1.00	\$2,173.00	\$1.00	\$2,173.00
18	FINAL ADJUSTMENT OF EXISTING AND PROPOSED MANHOLE AND JUNCTION BOX RIM AND INLET THROAT AND OPENING ELEVATIONS, COMPLETE IN PLACE	EA	15	\$1.00	\$15.00	\$0.01	\$0.15	\$1.00	\$15.00
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	60	\$90.00	\$5,400.00	\$93.13	\$5,587.80	\$90.00	\$5,400.00
20	18" RIP RAP, COMPLETE IN PLACE	SY	25	\$87.00	\$2,175.00	\$93.13	\$2,328.25	\$125.00	\$3,125.00
21	TEMPORARY 8" BRICK PLUG ON STORM SEWER RCP OR RCB, ALL SIZES, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	2	\$900.00	\$1,800.00	\$241.23	\$482.46	\$500.00	\$1,000.00
22	DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	2335	\$2.00	\$4,670.00	\$9.86	\$23,023.10	\$3.00	\$7,005.00
23	MISCELLANEOUS DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1000	\$2.00	\$2,000.00	\$2.00	\$2,000.00	\$2.00	\$2,000.00
24	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, FOR PROPOSED AND EXISTING INLETS. (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	21	\$75.00	\$1,575.00	\$59.47	\$1,248.87	\$10.00	\$210.00
25	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$729.30	\$729.30	\$800.00	\$800.00
26	UTILITY SPOILS TO BE PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY ON AREA ADJACENT TO ROAD ROW, REFERENCE EXHIBIT A, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	3865	\$3.00	\$11,595.00	\$3.00	\$11,595.00	\$3.00	\$11,595.00
27	INSTALL AND MAINTAIN SOD, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	100	\$5.00	\$500.00	\$13.61	\$1,361.00	\$4.00	\$400.00
28	LIGHT CLEARING AND GRUBBING OF PUBLIC UTILITY EASEMENTS & RESERVES, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	0.52	\$1,500.00	\$780.00	\$7,012.50	\$3,646.50	\$600.00	\$312.00
29	BROADCAST SEEDING, FERTILIZING AND WATERING, ALL DISTURBED AREAS, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	AC	5	\$1,200.00	\$6,000.00	\$1,200.00	\$6,000.00	\$1,200.00	\$6,000.00
30	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	2	\$50.00	\$100.00	\$364.65	\$729.30	\$1.00	\$2.00
31	AREA TO BE DEMUCKED AND SCARIFIED FOR FILL, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	SY	650	\$1.00	\$650.00	\$5.61	\$3,646.50	\$3.00	\$1,950.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
32	EXISTING CRUSHED ROCK LIFT STATION NO. 3 ACCESS ROAD TO BE REMOVED, EXCESS CRUSHED ROCK MATERIAL TO BE STOCKPILED NEAR TAMARRON WWTP, APPROX 0.7 MILES, ASSUMES OFF-ROAD TRUCKS, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	SY	340	\$1.00	\$340.00	\$10.73	\$3,648.20	\$8.00	\$2,720.00
33	STABILIZED CONSTRUCTION EXIT, TO BE REMOVED UPON COMPLETION, TO BE USED ONLY AS DIRECTED BY THE ENGINEER COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$3,152.82	\$3,152.82	\$250.00	\$250.00
34	INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,290.30	\$1,290.30	\$500.00	\$500.00
TAMARRON POINT DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$647,635.00	\$742,577.88		\$691,811.00	
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER SYSTEM ITEMS					\$322,231.00	\$301,039.94		\$274,504.00	
SUBTOTAL TAMARRON POINT WATER SYSTEM ITEMS					\$154,287.00	\$160,470.89		\$140,307.00	
SUBTOTAL SANITARY SEWER ITEMS					\$592,720.20	\$587,119.79		\$792,711.80	
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$347,536.00	\$289,380.84		\$291,733.00	
SUBTOTAL TAMARRON POINT DRAINAGE FACILITIES ITEMS					\$647,635.00	\$742,577.88		\$691,811.00	
TOTAL AMOUNT BASE BID					\$2,064,409.20	\$2,090,589.34		\$2,191,066.80	

