

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
TO SERVE TAMARRON SECTION 60
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
MARCH 10, 2021
LJA ENGINEERING, INC.
D. FORREST
MARCH 10, 2021
1931-6060A (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEMS
1) BLAZEY CONSTRUCTION SERVICES LLC	\$2,874,624.75	\$4,089,195.15
2) HURTADO CONSTRUCTION COMPANY	\$2,878,408.46	\$4,018,938.06
3) R CONSTRUCTION CIVIL	\$2,911,792.00	\$3,887,392.00
4) CE BARKER, LTD	\$3,090,091.19	\$4,848,767.99
5) TEXASITE, LLC	\$3,146,318.00	\$4,583,118.00
6) PRINCIPAL SERVICES, LTD	\$3,300,034.97	\$4,723,234.97

CALENDAR DAYS - 80/90

Melony F. Gay

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



Melony F. Gay
3-10-21

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ITEM	DESCRIPTION	UNIT	QTY	1) BLAZEY CONSTRUCTION SERVICES LLC		2) HURTADO CONSTRUCTION COMPANY		3) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS									
1	6-INCH PVC WATER LINE, ALL DEPTHS, COMPLETE IN PLACE	LF	3340	\$16.08	\$53,707.20	\$19.28	\$64,395.20	\$16.00	\$53,440.00
2	8-INCH PVC WATER LINE, ALL DEPTHS, COMPLETE IN PLACE	LF	5128	\$20.60	\$105,636.80	\$22.48	\$115,277.44	\$19.00	\$97,432.00
3	6-INCH AWWA GATE VALVE (MUELLER) AND BOX, COMPLETE IN PLACE	EA	21	\$644.00	\$13,524.00	\$658.00	\$13,818.00	\$800.00	\$16,800.00
4	8-INCH AWWA GATE VALVE (MUELLER) AND BOX, COMPLETE IN PLACE	EA	16	\$965.00	\$15,440.00	\$958.00	\$15,328.00	\$1,100.00	\$17,600.00
5	12-INCH BY 8-INCH TAPPING SLEEVE AND VALVE FOR CONNECTION OF PROPOSED 8-INCH WATER LINE TO EXISTING 12-INCH WATER LINE, COMPLETE IN PLACE	EA	1	\$4,998.00	\$4,998.00	\$5,118.00	\$5,118.00	\$4,900.00	\$4,900.00
6	FIRE HYDRANT (MUELLER) INCLUDING 6-INCH GATE VALVE & BOX, APPROPRIATE TEE, AND 6-INCH LEAD, ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$3,438.00	\$48,132.00	\$3,628.00	\$50,792.00	\$3,900.00	\$54,600.00
7	REMOVAL & RELOCATION OF EXISTING FLUSHING VALVE ALONG TAMARRON PARKWAY, INCLUDING 6-INCH GATE VALVE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,246.00	\$1,246.00	\$588.00	\$588.00	\$1,100.00	\$1,100.00
8	TRENCH SAFETY SYSTEM, COMPLETE IN PLACE	LF	8468	\$0.21	\$1,778.28	\$0.08	\$677.44	\$0.10	\$846.80
9	DESIGN OF TRENCH EXCAVATION AND SHORING SAFETY PLAN, COMPLETE IN PLACE	LS	1	\$100.00	\$100.00	\$800.00	\$800.00	\$200.00	\$200.00
10	DEWATERING SYSTEM FOR WATER LINE INSTALLATION, WHEN AUTHORIZED BY OWNER, COMPLETE IN PLACE	LF	200	\$25.00	\$5,000.00	\$25.00	\$5,000.00	\$25.00	\$5,000.00
WATER SYSTEM ITEMS SUBTOTAL:					\$249,562.28		\$271,794.08		\$251,918.80
SANITARY SEWER ITEMS									
1	8-INCH SANITARY SEWER PIPE, ALL DEPTHS, COMPLETE IN PLACE	LF	5782	\$25.95	\$150,042.90	\$33.98	\$196,472.36	\$29.00	\$167,678.00
2	10-INCH SANITARY SEWER PIPE DR, ALL DEPTHS, COMPLETE IN PLACE	LF	284	\$34.91	\$9,914.44	\$48.00	\$13,632.00	\$65.00	\$18,460.00
3	STANDARD SANITARY SEWER PRECAST 4-FOOT DIAMETER CONCRETE MANHOLE, INCLUDING FINAL ADJUSTMENT, DEPTH OF 0- FEET TO 8- FEET, COMPLETE IN PLACE	EA	36	\$2,226.00	\$80,136.00	\$2,138.00	\$76,968.00	\$1,800.00	\$64,800.00
4	EXTRA HEIGHT ON 4-FOOT SANITARY SEWER MANHOLE, DEPTH OVER 8- FEET, COMPLETE IN PLACE	VF	140	\$117.00	\$16,380.00	\$108.00	\$15,120.00	\$110.00	\$15,400.00
5	6-INCH STANDARD SANITARY SEWER DROP CONNECTION, COMPLETE IN PLACE	EA	16	\$283.00	\$4,528.00	\$468.00	\$7,488.00	\$450.00	\$7,200.00
6	8-INCH STANDARD SANITARY SEWER DROP CONNECTION, COMPLETE IN PLACE	EA	9	\$466.32	\$4,196.88	\$648.00	\$5,832.00	\$650.00	\$5,850.00
7	"SHORT SIDE" 6-INCH SANITARY PVC PIPE FOR SERVICE LEADS ON PROPOSED SANITARY SEWER LINE OR MANHOLE, INCLUDING RISER, STACK, WYE, DROP, MARKER, AND ALL FITTINGS, COMPLETE IN PLACE	EA	44	\$1,027.33	\$45,202.52	\$986.88	\$43,422.72	\$900.00	\$39,600.00
8	"FAR-SIDE" 6-INCH SANITARY SEWER PIPE FOR SERVICE LEADS ON PROPOSED SANITARY SEWER LINE OR MANHOLE, INCLUDES RISER, STACK, DROPS, AND ALL FITTINGS, COMPLETE IN PLACE	LF	3370	\$31.06	\$104,672.20	\$29.88	\$100,695.60	\$31.00	\$104,470.00
9	CONNECT PROPOSED 10-INCH SANITARY SEWER TO EXISTING SANITARY SEWER MANHOLE, INCLUDING CORING AND RUBBER BOOT AT CONNECITON INTO MANHOLE, COMPLETE IN PLACE	EA	1	\$323.30	\$323.30	\$988.00	\$988.00	\$1,000.00	\$1,000.00
10	TRENCH SAFETY SYSTEM, COMPLETE IN PLACE	LF	6066	\$0.21	\$1,273.86	\$0.08	\$485.28	\$0.10	\$606.60

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ITEM	DESCRIPTION	UNIT	QTY	1) BLAZEY CONSTRUCTION SERVICES LLC		2) HURTADO CONSTRUCTION COMPANY		3) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	DESIGN OF TRENCH EXCAVATION AND SHORING SAFETY PLAN, COMPLETE IN PLACE	LS	1	\$100.00	\$100.00	\$800.00	\$800.00	\$200.00	\$200.00
12	DEWATERING SYSTEM FOR SANITARY INSTALLATION, WHEN AUTHORIZED BY OWNER, COMPLETE IN PLACE	LF	1000	\$25.00	\$25,000.00	\$25.00	\$25,000.00	\$25.00	\$25,000.00
13	BEDDING FOR SANITARY SEWER CONSTRUCTION IN DRY OR WET STABLE TRENCH (UNSATISFACTORY SOIL CONDITIONS), IN LIEU OF SPECIFIED BEDDING OF SANITARY SEWER, WHEN AUTHORIZED BY OWNER, COMPLETE IN PLACE	LF	200	\$20.00	\$4,000.00	\$20.00	\$4,000.00	\$20.00	\$4,000.00
SANITARY SEWER ITEMS SUBTOTAL:					\$445,770.10		\$490,903.96		\$454,264.60
DRAINAGE FACILITIES ITEMS									
1	24-INCH REINFORCED CONCRETE PIPE (RCP), C76, CLASS III, WITH RUBBER GASKET JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	2220	\$55.79	\$123,853.80	\$66.88	\$148,473.60	\$59.00	\$130,980.00
2	30-INCH REINFORCED CONCRETE PIPE (RCP), C76, CLASS III, WITH RUBBER GASKET JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	597	\$68.67	\$40,995.99	\$81.58	\$48,703.26	\$71.00	\$42,387.00
3	36-INCH REINFORCED CONCRETE PIPE (RCP), C76, CLASS III, WITH RUBBER GASKET JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	709	\$93.99	\$66,638.91	\$110.68	\$78,472.12	\$99.00	\$70,191.00
4	42-INCH REINFORCED CONCRETE PIPE (RCP), C76, CLASS III, WITH RUBBER GASKET JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	314	\$125.82	\$39,507.48	\$140.48	\$44,110.72	\$126.00	\$39,564.00
5	66-INCH REINFORCED CONCRETE PIPE (RCP), C76, CLASS III, WITH RUBBER GASKET JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	1744	\$302.92	\$528,292.48	\$305.78	\$533,280.32	\$317.00	\$552,848.00
6	6-FOOT BY 6-FOOT REINFORCED CONCRETE BOX (RCB), C-1433, ALL DEPTHS, INCLUDES SEAL PER CITY STANDARDS ON JOINTS, COMPLETE IN PLACE	LF	432	\$466.67	\$201,601.44	\$450.68	\$194,693.76	\$465.00	\$200,880.00
7	8-FOOT BY 4-FOOT REINFORCED CONCRETE BOX (RCB), C-1433, ALL DEPTHS, INCLUDES SEAL PER CITY STANDARDS ON JOINTS, COMPLETE IN PLACE	LF	680	\$548.22	\$372,789.60	\$491.28	\$334,070.40	\$555.00	\$377,400.00
8	TYPE "H-2" INLET, STAGE I CONSTRUCTION, ALL DEPTHS, COMPLETE IN PLACE	EA	36	\$1,240.20	\$44,647.20	\$928.00	\$33,408.00	\$900.00	\$32,400.00
9	TYPE "H-2" INLET, STAGE II CONSTRUCTION, ALL DEPTHS, COMPLETE IN PLACE	EA	36	\$1,102.40	\$39,686.40	\$1,368.00	\$49,248.00	\$1,600.00	\$57,600.00
10	TYPE "C-1" INLET, STAGE I CONSTRUCTION, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$1,492.48	\$8,954.88	\$1,458.00	\$8,748.00	\$1,100.00	\$6,600.00
11	TYPE "C-1" INLET, STAGE II CONSTRUCTION, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$1,420.40	\$8,522.40	\$2,338.00	\$14,028.00	\$3,100.00	\$18,600.00
12	TYPE "E" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,849.70	\$7,398.80	\$1,898.00	\$7,592.00	\$1,900.00	\$7,600.00
13	TYPE "C" MANHOLE FOR 42-INCH AND SMALLER PIPE, INCLUDING FINAL ADJUSTMENT, ALL DEPTHS, COMPLETE IN PLACE	EA	26	\$2,677.83	\$69,623.58	\$1,578.00	\$41,028.00	\$2,500.00	\$65,000.00
14	TYPE "C" MANHOLE BUILT ON PROP 6-FOOT BY 6-FOOT RCB, INCLUDING FINAL ADJUSTMENT, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,614.73	\$1,614.73	\$1,588.00	\$1,588.00	\$1,800.00	\$1,800.00
15	TYPE "C" MANHOLE FOR 48-INCH AND LARGER PIPE, INCLUDING FINAL ADJUSTMENT, ALL DEPTHS, COMPLETE IN PLACE	EA	13	\$6,907.49	\$89,797.37	\$3,968.00	\$51,584.00	\$6,200.00	\$80,600.00
16	JUNCTION BOX FOR RCB STORM SEWER WITH TYPE "C" MANHOLE, INCLUDING FINAL ADJUSTMENT, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$17,413.15	\$34,826.30	\$18,988.00	\$37,976.00	\$20,100.00	\$40,200.00

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17	4-INCH THICK CONCRETE SLOPE PROTECTION WITH 2-FOOT TOE WALLS AROUND CLAY LINER AT 6-FOOT BY 6-FOOT RCB OUTFALL, PER DETAIL, COMPLETE IN PLACE	SY	80	\$60.42	\$4,833.60	\$66.38	\$5,310.40	\$85.00	\$6,800.00
18	4-INCH THICK CONCRETE SLOPE PROTECTION WITH 2-FOOT TOE WALLS WITHIN RESERVE D, PER DETAIL, COMPLETE IN PLACE	SY	35	\$74.20	\$2,597.00	\$65.18	\$2,281.30	\$85.00	\$2,975.00
19	REMOVAL & REPLACEMENT OF 4-INCH THICK CONCRETE SLOPE PROTECTION WITH 2-FOOT TOE WALLS AROUND CLAY LINER AT ENDS OF EXISTING 8-FOOT BY 4-FOOT CULVERTS, AS NECESSARY, INCLUDING ADDITIONAL 4-INCH THICK CONCRETE SLOPE PROTECTION FOR ADDITIONAL CULVERTS (APPROX. 175 SY), PER DETAIL, COMPLETE IN PLACE	LS	1	\$14,283.50	\$14,283.50	\$19,988.00	\$19,988.00	\$18,600.00	\$18,600.00
20	RIP RAP, COMPLETE IN PLACE	SY	10	\$95.40	\$954.00	\$68.00	\$680.00	\$105.00	\$1,050.00
21	GRASS LINED V-BOTTOM DRAINAGE SWALE TO PROVIDE POSITIVE DRAINAGE WITHIN RESERVE AREAS, INCLUDING HYDRO-MULCH SEEDING, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	930	\$3.64	\$3,385.20	\$3.18	\$2,957.40	\$3.10	\$2,883.00
22	GRASS LINED V-BOTTOM DRAINAGE SWALE TO PROVIDE POSITIVE DRAINAGE WITHIN DRILL SITE, INCLUDING HYDRO-MULCH SEEDING, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	625	\$4.75	\$2,968.75	\$3.18	\$1,987.50	\$3.20	\$2,000.00
23	RE-GRADING OF EXISTING DRAINAGE SWALE WITHIN RESERVE D TO PROVIDE POSITIVE DRAINAGE WITHIN RESERVE D, INCLUDING HYRO-MULCH SEEDING, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	3730	\$1.33	\$4,960.90	\$1.28	\$4,774.40	\$2.00	\$7,460.00
24	OVER FLOW SWALE AT OUTFALL, 10' WIDE BOTTOM, INCLUDES FILTER FABRIC GEOTEXTILE MATERIAL LINING, CONCRETE ARTICULATING BLOCKS, GRADING AND COMPACTION, AND TURN DOWN PER CONSTRUCTION PLANS & SPECIFICATIONS, WITH 6:1 MAX SIDE SLOPES; TO BE BURIED WITH 6-INCHES TOPSOIL, COMPLETE IN PLACE	SY	100	\$69.11	\$6,911.00	\$68.00	\$6,800.00	\$80.00	\$8,000.00
25	TRENCH SAFETY SYSTEM, COMPLETE IN PLACE	LF	6696	\$0.21	\$1,406.16	\$0.18	\$1,205.28	\$0.10	\$669.60
26	COFFER DAM, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	3	\$6,890.00	\$20,670.00	\$1,488.00	\$4,464.00	\$5,200.00	\$15,600.00
27	DESIGN OF TRENCH EXCAVATION AND SHORING SAFETY PLAN, COMPLETE IN PLACE	LS	1	\$100.00	\$100.00	\$800.00	\$800.00	\$200.00	\$200.00
28	DEWATERING SYSTEM FOR DRAINAGE INSTALLATION, WHEN AUTHORIZED BY OWNER, COMPLETE IN PLACE	LF	200	\$25.00	\$5,000.00	\$25.00	\$5,000.00	\$25.00	\$5,000.00
29	EXTRA CEMENT-STABILIZED SAND, WHEN AUTHORIZED BY OWNER, COMPLETE IN PLACE	CY	10	\$20.00	\$200.00	\$24.00	\$240.00	\$20.00	\$200.00
30	BEDDING FOR CONSTRUCTION OF STORM SEWER IN UNSATISFACTORY SOIL CONDITIONS, IN LIEU OF SPECIFIED BEDDING OF STORM SEWER, WHEN AUTHORIZED BY OWNER, COMPLETE IN PLACE	LF	200	\$20.00	\$4,000.00	\$20.00	\$4,000.00	\$20.00	\$4,000.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$1,751,021.47		\$1,687,492.46		\$1,800,087.60
FORCE MAIN ITEMS									
1	8" P.V.C. SEWER PIPE FORCE MAIN, C-900 (GREEN), SDR-26, CLASS 160, ALL DEPTHS, AS DIRECTED BY THE ENGINEER, INCLUDES GUIDE WIRES, INCLUDES ALL BENDS AND FITTINGS AND APPURTENANCES AND TRENCH SAFETY SYSTEM AS NECESSARY, COMPLETE IN PLACE	LF	2929	\$24.93	\$73,019.97	\$25.58	\$74,923.82	\$23.00	\$67,367.00
2	BORE AND JACK OF PROPOSED FORCE MAIN, INCLUDING BORE PITS, EXCLUDES PIPE, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1313	\$84.27	\$110,646.51	\$45.58	\$59,846.54	\$120.00	\$157,560.00

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3	8" PLUG & CLAMP, COMPLETE IN PLACE	EA	1	\$386.00	\$386.00	\$488.00	\$488.00	\$400.00	\$400.00
4	CONVERT EXISTING SANITARY MANHOLE TO CORROSION RESISTANT MANHOLE, PER CITY OF HOUSTON DETAILS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$17,172.00	\$17,172.00	\$3,408.00	\$3,408.00	\$8,200.00	\$8,200.00
5	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED FORCE MAIN, INCLUDES ALL SEALS AND APPURTENANCES NECESSARY, COMPLETE IN PLACE	EA	1	\$1,764.90	\$1,764.90	\$1,208.00	\$1,208.00	\$1,000.00	\$1,000.00
6	DROP ASSEMBLY FOR FORCEMAIN WITHIN EXISTING SANITARY MANHOLE, PER CITY OF HOUSTON DETAILS, COMPLETE IN PLACE	EA	1	\$1,775.66	\$1,775.66	\$2,588.00	\$2,588.00	\$1,700.00	\$1,700.00
7	BYPASS SANITARY PUMPING THROUGHOUT CONSTRUCTION DURATION TO MAINTAIN EXISTING SANITARY SEWAGE FLOW, INCLUDES ALL APPURTENANCES, TWO SYSTEMS/INFLOW DIRECTIONS ASSUMES 530,000 GPD AND 100,00 GPD, COMPLETE IN PLACE	EA	14	\$2,385.00	\$33,390.00	\$200.00	\$2,800.00	\$1,200.00	\$16,800.00
8	REMOVE AND DISPOSE OF EXISTING 8" REINFORCED CONCRETE PAVEMENT, INCLUDES CURB AND 8" SUBGRADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	121	\$15.90	\$1,923.90	\$28.00	\$3,388.00	\$14.00	\$1,694.00
9	8" REINFORCED CONCRETE PAVEMENT, INCLUDING 6" CURB, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	121	\$86.50	\$10,466.50	\$98.00	\$11,858.00	\$65.00	\$7,865.00
10	8" CEMENT STABILIZED SAND SUBGRADE FOR 8" REINFORCED CONCRETE PAVEMENT, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	35	\$53.00	\$1,855.00	\$48.00	\$1,680.00	\$37.00	\$1,295.00
11	REMOVE AND REPLACE 5' WIDE REINFORCED CONCRETE SIDEWALK, AS NECESSARY, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$37.10	\$3,710.00	\$40.88	\$4,088.00	\$50.00	\$5,000.00
12	REMOVE AND REPLACE 8' TALL WOOD FENCE AT LIFT STATION #1, AS NECESSARY, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	50	\$100.00	\$5,000.00	\$58.00	\$2,900.00	\$45.00	\$2,250.00
13	ALLOWANCE FOR REMOVAL AND REPLACEMENT OF DISTURBED LANDSCAPING AND IRRIGATION, TO BE DONE BY CHAMPIONS HYDROLAWN, CONTACT BEN COLLINS @ 832-977-2198, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
14	INSTALL AND MAINTAIN SOD FOR DISTURBED AREAS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	1000	\$3.00	\$3,000.00	\$3.00	\$3,000.00	\$4.00	\$4,000.00
15	TRAFFIC CONTROL PLAN FOR ROAD CLOSURE, PER DETAIL IN PLANS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$3,180.00	\$3,180.00	\$800.00	\$800.00	\$3,600.00	\$3,600.00
16	ALLOWANCE FOR FORT BEND COUNTY PERMIT FOR WORK INSIDE RIGHT OF WAY, AS NECESSARY, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
FORCE MAIN ITEMS SUBTOTAL:					\$275,790.44		\$181,476.36		\$287,231.00
MISCELLANEOUS ITEMS									
1	MOVE-IN AND START-UP, INCLUDING PERFORMANCE AND PAYMENT BONDS FOR 100% OF THE CONTRACT AMOUNT	LS	1	\$33,552.50	\$33,552.50	\$152,888.00	\$152,888.00	\$10,000.00	\$10,000.00
2	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	\$21,230.00	\$21,230.00	\$21,230.00	\$21,230.00	\$21,230.00	\$21,230.00
3	HAUL, SPREAD AND COMPACT EXCESS UTILITY EXCAVATION ON SITE IN ACCORDANCE WITH GRADING PLAN, AS DIRECTED BY ENGINEER, INCLUDING SITE STRIPPING, DE-MUCKING, AND GRADING TO DRAIN, COMPLETE	CY	18000	\$1.38	\$24,840.00	\$1.18	\$21,240.00	\$1.50	\$27,000.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 60
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 MARCH 10, 2021
 1931-6060A (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	1) BLAZEY CONSTRUCTION SERVICES LLC		2) HURTADO CONSTRUCTION COMPANY		3) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	EXISTING DRAINAGE SWALES TO BE DEMUCKED & SCARIFIED FOR PROPOSED FILL PLACEMENT, COMPLETE	LF	6620	\$1.06	\$7,017.20	\$0.98	\$6,487.60	\$2.00	\$13,240.00
5	FORT BEND COUNTY ROW PERMIT FEE AND BONDING FOR WORK WITHIN FORT BEND COUNTY ROW, COMPLETE	LS	1	\$21,562.88	\$21,562.88	\$988.00	\$988.00	\$2,000.00	\$2,000.00
6	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COSTS), COMPLETE	LS	1	\$21,562.88	\$21,562.88	\$21,188.00	\$21,188.00	\$21,700.00	\$21,700.00
7	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
8	MISCELLANEOUS DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	3000	\$2.00	\$6,000.00	\$2.00	\$6,000.00	\$2.00	\$6,000.00
9	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	8700	\$1.60	\$13,920.00	\$1.60	\$13,920.00	\$1.60	\$13,920.00
10	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$795.00	\$795.00	\$800.00	\$800.00	\$1,200.00	\$1,200.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$152,480.46		\$246,741.60		\$118,290.00
ALTERNATE BID ITEMS									
1	TRENCHLESS CONSTRUCTION FOR 8-FOOT BY 4-FOOT REINFORCED CONCRETE BOX (RCB), C-1433, ALL DEPTHS, INCLUDES SEAL PER CITY STANDARDS ON JOINTS, TO BE USED IN LIEU OF DRAINAGE FACILITIES ITEM NO. 7, COMPLETE IN PLACE	LF	680	\$1,905.00	\$1,295,400.00	\$1,988.00	\$1,351,840.00	\$1,500.00	\$1,020,000.00
2	CONTRACTOR TO HAUL EXCESS UTILITY EXCAVATION OFFSITE TO LOCATION DETERMINED BY CONTRACTOR, TO BE USED IN LIEU OF MISCELLANEOUS ITEM NO. 3, COMPLETE IN PLACE	CY	18000	\$17.60	\$316,800.00	\$8.00	\$144,000.00	\$20.00	\$360,000.00
ALTERNATE BID ITEMS SUBTOTAL:					\$1,612,200.00		\$1,495,840.00		\$1,380,000.00
BIDDING SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS					\$249,562.28		\$271,794.08		\$251,918.80
SUBTOTAL SANITARY SEWER ITEMS					\$445,770.10		\$490,903.96		\$454,264.60
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$1,751,021.47		\$1,687,492.46		\$1,800,087.60
SUBTOTAL FORCE MAIN ITEMS					\$275,790.44		\$181,476.36		\$287,231.00
SUBTOTAL MISCELLANEOUS ITEMS					\$152,480.46		\$246,741.60		\$118,290.00
TOTAL AMOUNT BASE BID					\$2,874,624.75		\$2,878,408.46		\$2,911,792.00
ALTERNATE BID ITEMS									
TOTAL AMOUNT BASE BID					\$2,874,624.75		\$2,878,408.46		\$2,911,792.00
DEDUCT DRAINAGE FACILITIES ITEMS ITEM NO.7					-\$372,789.60		-\$334,070.40		-\$377,400.00
DEDUCT MISCELLANEOUS ITEMS ITEM NO.3					-\$24,840.00		-\$21,240.00		-\$27,000.00
SUBTOTAL ALTERNATE BID ITEMS					\$1,612,200.00		\$1,495,840.00		\$1,380,000.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$4,089,195.15		\$4,018,938.06		\$3,887,392.00

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 TO SERVE TAMARRON SECTION 60
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 MARCH 10, 2021
 1931-6060A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) CE BARKER, LTD		5) TEXASITE, LLC		6) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS									
1	6-INCH PVC WATER LINE, ALL DEPTHS, COMPLETE IN PLACE	LF	3340	\$17.82	\$59,518.80	\$20.00	\$66,800.00	\$39.00	\$130,260.00
2	8-INCH PVC WATER LINE, ALL DEPTHS, COMPLETE IN PLACE	LF	5128	\$21.68	\$111,175.04	\$23.00	\$117,944.00	\$43.00	\$220,504.00
3	6-INCH AWWA GATE VALVE (MUELLER) AND BOX, COMPLETE IN PLACE	EA	21	\$784.45	\$16,473.45	\$800.00	\$16,800.00	\$739.00	\$15,519.00
4	8-INCH AWWA GATE VALVE (MUELLER) AND BOX, COMPLETE IN PLACE	EA	16	\$1,163.84	\$18,621.44	\$1,200.00	\$19,200.00	\$1,080.00	\$17,280.00
5	12-INCH BY 8-INCH TAPPING SLEEVE AND VALVE FOR CONNECTION OF PROPOSED 8-INCH WATER LINE TO EXISTING 12-INCH WATER LINE, COMPLETE IN PLACE	EA	1	\$5,205.55	\$5,205.55	\$6,500.00	\$6,500.00	\$5,600.00	\$5,600.00
6	FIRE HYDRANT (MUELLER) INCLUDING 6-INCH GATE VALVE & BOX, APPROPRIATE TEE, AND 6-INCH LEAD, ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$4,029.51	\$56,413.14	\$3,800.00	\$53,200.00	\$3,800.00	\$53,200.00
7	REMOVAL & RELOCATION OF EXISTING FLUSHING VALVE ALONG TAMARRON PARKWAY, INCLUDING 6-INCH GATE VALVE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,598.06	\$2,598.06	\$2,850.00	\$2,850.00	\$500.00	\$500.00
8	TRENCH SAFETY SYSTEM, COMPLETE IN PLACE	LF	8468	\$0.14	\$1,185.52	\$1.00	\$8,468.00	\$0.10	\$846.80
9	DESIGN OF TRENCH EXCAVATION AND SHORING SAFETY PLAN, COMPLETE IN PLACE	LS	1	\$133.75	\$133.75	\$100.00	\$100.00	\$200.00	\$200.00
10	DEWATERING SYSTEM FOR WATER LINE INSTALLATION, WHEN AUTHORIZED BY OWNER, COMPLETE IN PLACE	LF	200	\$25.00	\$5,000.00	\$25.00	\$5,000.00	\$25.00	\$5,000.00
WATER SYSTEM ITEMS SUBTOTAL:					\$276,324.75		\$296,862.00		\$448,909.80
SANITARY SEWER ITEMS									
1	8-INCH SANITARY SEWER PIPE, ALL DEPTHS, COMPLETE IN PLACE	LF	5782	\$28.41	\$164,266.62	\$40.00	\$231,280.00	\$30.00	\$173,460.00
2	10-INCH SANITARY SEWER PIPE DR, ALL DEPTHS, COMPLETE IN PLACE	LF	284	\$33.17	\$9,420.28	\$50.00	\$14,200.00	\$46.00	\$13,064.00
3	STANDARD SANITARY SEWER PRECAST 4-FOOT DIAMETER CONCRETE MANHOLE, INCLUDING FINAL ADJUSTMENT, DEPTH OF 0-FEET TO 8-FEET, COMPLETE IN PLACE	EA	36	\$1,836.39	\$66,110.04	\$2,500.00	\$90,000.00	\$3,500.00	\$126,000.00
4	EXTRA HEIGHT ON 4-FOOT SANITARY SEWER MANHOLE, DEPTH OVER 8-FEET, COMPLETE IN PLACE	VF	140	\$140.89	\$19,724.60	\$150.00	\$21,000.00	\$200.00	\$28,000.00
5	6-INCH STANDARD SANITARY SEWER DROP CONNECTION, COMPLETE IN PLACE	EA	16	\$781.82	\$12,509.12	\$400.00	\$6,400.00	\$405.00	\$6,480.00
6	8-INCH STANDARD SANITARY SEWER DROP CONNECTION, COMPLETE IN PLACE	EA	9	\$1,004.32	\$9,038.88	\$600.00	\$5,400.00	\$625.00	\$5,625.00
7	"SHORT SIDE" 6-INCH SANITARY PVC PIPE FOR SERVICE LEADS ON PROPOSED SANITARY SEWER LINE OR MANHOLE, INCLUDING RISER, STACK, WYE, DROP, MARKER, AND ALL FITTINGS, COMPLETE IN PLACE	EA	44	\$1,347.76	\$59,301.44	\$1,200.00	\$52,800.00	\$940.00	\$41,360.00
8	"FAR-SIDE" 6-INCH SANITARY SEWER PIPE FOR SERVICE LEADS ON PROPOSED SANITARY SEWER LINE OR MANHOLE, INCLUDES RISER, STACK, DROPS, AND ALL FITTINGS, COMPLETE IN PLACE	LF	3370	\$35.92	\$121,050.40	\$32.00	\$107,840.00	\$27.00	\$90,990.00
9	CONNECT PROPOSED 10-INCH SANITARY SEWER TO EXISTING SANITARY SEWER MANHOLE, INCLUDING CORING AND RUBBER BOOT AT CONNECITON INTO MANHOLE, COMPLETE IN PLACE	EA	1	\$1,093.43	\$1,093.43	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
10	TRENCH SAFETY SYSTEM, COMPLETE IN PLACE	LF	6066	\$0.14	\$849.24	\$1.00	\$6,066.00	\$0.10	\$606.60

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 TO SERVE TAMARRON SECTION 60
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 MARCH 10, 2021
 1931-6060A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) CE BARKER, LTD		5) TEXASITE, LLC		6) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	DESIGN OF TRENCH EXCAVATION AND SHORING SAFETY PLAN, COMPLETE IN PLACE	LS	1	\$133.75	\$133.75	\$110.00	\$110.00	\$200.00	\$200.00
12	DEWATERING SYSTEM FOR SANITARY INSTALLATION, WHEN AUTHORIZED BY OWNER, COMPLETE IN PLACE	LF	1000	\$25.00	\$25,000.00	\$25.00	\$25,000.00	\$25.00	\$25,000.00
13	BEDDING FOR SANITARY SEWER CONSTRUCTION IN DRY OR WET STABLE TRENCH (UNSATISFACTORY SOIL CONDITIONS), IN LIEU OF SPECIFIED BEDDING OF SANITARY SEWER, WHEN AUTHORIZED BY OWNER, COMPLETE IN PLACE	LF	200	\$20.00	\$4,000.00	\$20.00	\$4,000.00	\$20.00	\$4,000.00
SANITARY SEWER ITEMS SUBTOTAL:					\$492,497.80		\$565,596.00		\$515,785.60
DRAINAGE FACILITIES ITEMS									
1	24-INCH REINFORCED CONCRETE PIPE (RCP), C76, CLASS III, WITH RUBBER GASKET JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	2220	\$62.41	\$138,550.20	\$63.00	\$139,860.00	\$61.00	\$135,420.00
2	30-INCH REINFORCED CONCRETE PIPE (RCP), C76, CLASS III, WITH RUBBER GASKET JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	597	\$76.57	\$45,712.29	\$79.00	\$47,163.00	\$74.00	\$44,178.00
3	36-INCH REINFORCED CONCRETE PIPE (RCP), C76, CLASS III, WITH RUBBER GASKET JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	709	\$104.30	\$73,948.70	\$112.00	\$79,408.00	\$109.00	\$77,281.00
4	42-INCH REINFORCED CONCRETE PIPE (RCP), C76, CLASS III, WITH RUBBER GASKET JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	314	\$134.05	\$42,091.70	\$146.00	\$45,844.00	\$144.00	\$45,216.00
5	66-INCH REINFORCED CONCRETE PIPE (RCP), C76, CLASS III, WITH RUBBER GASKET JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	1744	\$305.87	\$533,437.28	\$331.00	\$577,264.00	\$336.00	\$585,984.00
6	6-FOOT BY 6-FOOT REINFORCED CONCRETE BOX (RCB), C-1433, ALL DEPTHS, INCLUDES SEAL PER CITY STANDARDS ON JOINTS, COMPLETE IN PLACE	LF	432	\$518.19	\$223,858.08	\$525.00	\$226,800.00	\$459.00	\$198,288.00
7	8-FOOT BY 4-FOOT REINFORCED CONCRETE BOX (RCB), C-1433, ALL DEPTHS, INCLUDES SEAL PER CITY STANDARDS ON JOINTS, COMPLETE IN PLACE	LF	680	\$571.75	\$388,790.00	\$590.00	\$401,200.00	\$700.00	\$476,000.00
8	TYPE "H-2" INLET, STAGE I CONSTRUCTION, ALL DEPTHS, COMPLETE IN PLACE	EA	36	\$1,193.05	\$42,949.80	\$1,100.00	\$39,600.00	\$950.00	\$34,200.00
9	TYPE "H-2" INLET, STAGE II CONSTRUCTION, ALL DEPTHS, COMPLETE IN PLACE	EA	36	\$1,086.05	\$39,097.80	\$1,200.00	\$43,200.00	\$1,310.00	\$47,160.00
10	TYPE "C-1" INLET, STAGE I CONSTRUCTION, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$1,300.05	\$7,800.30	\$1,100.00	\$6,600.00	\$1,012.00	\$6,072.00
11	TYPE "C-1" INLET, STAGE II CONSTRUCTION, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$1,407.05	\$8,442.30	\$1,800.00	\$10,800.00	\$1,700.00	\$10,200.00
12	TYPE "E" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,493.10	\$9,972.40	\$2,400.00	\$9,600.00	\$1,600.00	\$6,400.00
13	TYPE "C" MANHOLE FOR 42-INCH AND SMALLER PIPE, INCLUDING FINAL ADJUSTMENT, ALL DEPTHS, COMPLETE IN PLACE	EA	26	\$2,358.01	\$61,308.26	\$2,500.00	\$65,000.00	\$2,400.00	\$62,400.00
14	TYPE "C" MANHOLE BUILT ON PROP 6-FOOT BY 6-FOOT RCB, INCLUDING FINAL ADJUSTMENT, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,465.01	\$2,465.01	\$1,600.00	\$1,600.00	\$1,300.00	\$1,300.00
15	TYPE "C" MANHOLE FOR 48-INCH AND LARGER PIPE, INCLUDING FINAL ADJUSTMENT, ALL DEPTHS, COMPLETE IN PLACE	EA	13	\$3,535.01	\$45,955.13	\$6,000.00	\$78,000.00	\$4,800.00	\$62,400.00
16	JUNCTION BOX FOR RCB STORM SEWER WITH TYPE "C" MANHOLE, INCLUDING FINAL ADJUSTMENT, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$21,668.73	\$43,337.46	\$6,500.00	\$13,000.00	\$8,000.00	\$16,000.00

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 TO SERVE TAMARRON SECTION 60
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 MARCH 10, 2021
 1931-6060A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) CE BARKER, LTD		5) TEXASITE, LLC		6) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	4-INCH THICK CONCRETE SLOPE PROTECTION WITH 2-FOOT TOE WALLS AROUND CLAY LINER AT 6-FOOT BY 6-FOOT RCB OUTFALL, PER DETAIL, COMPLETE IN PLACE	SY	80	\$83.46	\$6,676.80	\$90.00	\$7,200.00	\$106.00	\$8,480.00
18	4-INCH THICK CONCRETE SLOPE PROTECTION WITH 2-FOOT TOE WALLS WITHIN RESERVE D, PER DETAIL, COMPLETE IN PLACE	SY	35	\$83.46	\$2,921.10	\$90.00	\$3,150.00	\$106.00	\$3,710.00
19	REMOVAL & REPLACEMENT OF 4-INCH THICK CONCRETE SLOPE PROTECTION WITH 2-FOOT TOE WALLS AROUND CLAY LINER AT ENDS OF EXISTING 8-FOOT BY 4-FOOT CULVERTS, AS NECESSARY, INCLUDING ADDITIONAL 4-INCH THICK CONCRETE SLOPE PROTECTION FOR ADDITIONAL CULVERTS (APPROX. 175 SY), PER DETAIL, COMPLETE IN PLACE	LS	1	\$20,196.25	\$20,196.25	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00
20	RIP RAP, COMPLETE IN PLACE	SY	10	\$116.63	\$1,166.30	\$80.00	\$800.00	\$90.00	\$900.00
21	GRASS LINED V-BOTTOM DRAINAGE SWALE TO PROVIDE POSITIVE DRAINAGE WITHIN RESERVE AREAS, INCLUDING HYDRO-MULCH SEEDING, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	930	\$5.57	\$5,180.10	\$4.00	\$3,720.00	\$3.00	\$2,790.00
22	GRASS LINED V-BOTTOM DRAINAGE SWALE TO PROVIDE POSITIVE DRAINAGE WITHIN DRILL SITE, INCLUDING HYDRO-MULCH SEEDING, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	625	\$5.57	\$3,481.25	\$4.00	\$2,500.00	\$3.00	\$1,875.00
23	RE-GRADING OF EXISTING DRAINAGE SWALE WITHIN RESERVE D TO PROVIDE POSITIVE DRAINAGE WITHIN RESERVE D, INCLUDING HYDRO-MULCH SEEDING, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	3730	\$5.57	\$20,776.10	\$4.00	\$14,920.00	\$3.00	\$11,190.00
24	OVER FLOW SWALE AT OUTFALL, 10' WIDE BOTTOM, INCLUDES FILTER FABRIC GEOTEXTILE MATERIAL LINING, CONCRETE ARTICULATING BLOCKS, GRADING AND COMPACTION, AND TURN DOWN PER CONSTRUCTION PLANS & SPECIFICATIONS, WITH 6:1 MAX SIDE SLOPES; TO BE BURIED WITH 6-INCHES TOPSOIL, COMPLETE IN PLACE	SY	100	\$108.49	\$10,849.00	\$80.00	\$8,000.00	\$150.00	\$15,000.00
25	TRENCH SAFETY SYSTEM, COMPLETE IN PLACE	LF	6696	\$0.14	\$937.44	\$1.00	\$6,696.00	\$0.10	\$669.60
26	COFFER DAM, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	3	\$10,432.50	\$31,297.50	\$4,500.00	\$13,500.00	\$5,000.00	\$15,000.00
27	DESIGN OF TRENCH EXCAVATION AND SHORING SAFETY PLAN, COMPLETE IN PLACE	LS	1	\$133.75	\$133.75	\$100.00	\$100.00	\$200.00	\$200.00
28	DEWATERING SYSTEM FOR DRAINAGE INSTALLATION, WHEN AUTHORIZED BY OWNER, COMPLETE IN PLACE	LF	200	\$25.00	\$5,000.00	\$25.00	\$5,000.00	\$25.00	\$5,000.00
29	EXTRA CEMENT-STABILIZED SAND, WHEN AUTHORIZED BY OWNER, COMPLETE IN PLACE	CY	10	\$30.00	\$300.00	\$25.00	\$250.00	\$0.10	\$1.00
30	BEDDING FOR CONSTRUCTION OF STORM SEWER IN UNSATISFACTORY SOIL CONDITIONS, IN LIEU OF SPECIFIED BEDDING OF STORM SEWER, WHEN AUTHORIZED BY OWNER, COMPLETE IN PLACE	LF	200	\$20.00	\$4,000.00	\$20.00	\$4,000.00	\$20.00	\$4,000.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$1,820,632.30		\$1,874,775.00		\$1,882,314.60
FORCE MAIN ITEMS									
1	8" P.V.C. SEWER PIPE FORCE MAIN, C-900 (GREEN), SDR-26, CLASS 160, ALL DEPTHS, AS DIRECTED BY THE ENGINEER, INCLUDES GUIDE WIRES, INCLUDES ALL BENDS AND FITTINGS AND APPURTENANCES AND TRENCH SAFETY SYSTEM AS NECESSARY, COMPLETE IN PLACE	LF	2929	\$29.89	\$87,547.81	\$25.00	\$73,225.00	\$32.00	\$93,728.00
2	BORE AND JACK OF PROPOSED FORCE MAIN, INCLUDING BORE PITS, EXCLUDES PIPE, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1313	\$68.53	\$89,979.89	\$80.00	\$105,040.00	\$63.00	\$82,719.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	8" PLUG & CLAMP, COMPLETE IN PLACE	EA	1	\$383.45	\$383.45	\$600.00	\$600.00	\$500.00	\$500.00
4	CONVERT EXISTING SANITARY MANHOLE TO CORROSION RESISTANT MANHOLE, PER CITY OF HOUSTON DETAILS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,343.75	\$3,343.75	\$18,500.00	\$18,500.00	\$8,000.00	\$8,000.00
5	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED FORCE MAIN, INCLUDES ALL SEALS AND APPURTENANCES NECESSARY, COMPLETE IN PLACE	EA	1	\$1,076.98	\$1,076.98	\$2,100.00	\$2,100.00	\$1,000.00	\$1,000.00
6	DROP ASSEMBLY FOR FORCEMAIN WITHIN EXISTING SANITARY MANHOLE, PER CITY OF HOUSTON DETAILS, COMPLETE IN PLACE	EA	1	\$3,168.66	\$3,168.66	\$2,500.00	\$2,500.00	\$1,700.00	\$1,700.00
7	BYPASS SANITARY PUMPING THROUGHOUT CONSTRUCTION DURATION TO MAINTAIN EXISTING SANITARY SEWAGE FLOW, INCLUDES ALL APPURTENANCES, TWO SYSTEMS/INFLOW DIRECTIONS ASSUMES 530,000 GPD AND 100,00 GPD, COMPLETE IN PLACE	EA	14	\$1,206.81	\$16,895.34	\$2,050.00	\$28,700.00	\$1,000.00	\$14,000.00
8	REMOVE AND DISPOSE OF EXISTING 8" REINFORCED CONCRETE PAVEMENT, INCLUDES CURB AND 8" SUBGRADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	121	\$75.56	\$9,142.76	\$50.00	\$6,050.00	\$50.00	\$6,050.00
9	8" REINFORCED CONCRETE PAVEMENT, INCLUDING 6" CURB, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	121	\$257.46	\$31,152.66	\$50.00	\$6,050.00	\$125.00	\$15,125.00
10	8" CEMENT STABILIZED SAND SUBGRADE FOR 8" REINFORCED CONCRETE PAVEMENT, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	35	\$271.37	\$9,497.95	\$30.00	\$1,050.00	\$40.00	\$1,400.00
11	REMOVE AND REPLACE 5' WIDE REINFORCED CONCRETE SIDEWALK, AS NECESSARY, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$52.02	\$5,202.00	\$70.00	\$7,000.00	\$60.00	\$6,000.00
12	REMOVE AND REPLACE 8' TALL WOOD FENCE AT LIFT STATION #1, AS NECESSARY, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	50	\$69.55	\$3,477.50	\$100.00	\$5,000.00	\$30.00	\$1,500.00
13	ALLOWANCE FOR REMOVAL AND REPLACEMENT OF DISTURBED LANDSCAPING AND IRRIGATION, TO BE DONE BY CHAMPIONS HYDROLAWN, CONTACT BEN COLLINS @ 832-977-2198, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
14	INSTALL AND MAINTAIN SOD FOR DISTURBED AREAS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	1000	\$3.00	\$3,000.00	\$3.00	\$3,000.00	\$3.00	\$3,000.00
15	TRAFFIC CONTROL PLAN FOR ROAD CLOSURE, PER DETAIL IN PLANS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$4,922.14	\$4,922.14	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
16	ALLOWANCE FOR FORT BEND COUNTY PERMIT FOR WORK INSIDE RIGHT OF WAY, AS NECESSARY, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
FORCE MAIN ITEMS SUBTOTAL:					\$277,290.89		\$269,815.00		\$245,722.00
MISCELLANEOUS ITEMS									
1	MOVE-IN AND START-UP, INCLUDING PERFORMANCE AND PAYMENT BONDS FOR 100% OF THE CONTRACT AMOUNT	LS	1	\$84,964.16	\$84,964.16	\$30,000.00	\$30,000.00	\$109,777.97	\$109,777.97
2	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	\$21,230.00	\$21,230.00	\$21,230.00	\$21,230.00	\$21,230.00	\$21,230.00
3	HAUL, SPREAD AND COMPACT EXCESS UTILITY EXCAVATION ON SITE IN ACCORDANCE WITH GRADING PLAN, AS DIRECTED BY ENGINEER, INCLUDING SITE STRIPPING, DE-MUCKING, AND GRADING TO DRAIN, COMPLETE	CY	18000	\$2.28	\$41,040.00	\$1.00	\$18,000.00	\$1.00	\$18,000.00

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 60
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 MARCH 10, 2021
 1931-6060A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) CE BARKER, LTD		5) TEXASITE, LLC		6) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	EXISTING DRAINAGE SWALES TO BE DEMUCKED & SCARIFIED FOR PROPOSED FILL PLACEMENT, COMPLETE	LF	6620	\$3.16	\$20,919.20	\$1.00	\$6,620.00	\$1.00	\$6,620.00
5	FORT BEND COUNTY ROW PERMIT FEE AND BONDING FOR WORK WITHIN FORT BEND COUNTY ROW, COMPLETE	LS	1	\$8,025.00	\$8,025.00	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00
6	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COSTS), COMPLETE	LS	1	\$24,551.58	\$24,551.58	\$20,000.00	\$20,000.00	\$24,405.00	\$24,405.00
7	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
8	MISCELLANEOUS DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	3000	\$2.00	\$6,000.00	\$2.00	\$6,000.00	\$2.00	\$6,000.00
9	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	8700	\$1.60	\$13,920.00	\$1.60	\$13,920.00	\$1.60	\$13,920.00
10	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$695.51	\$695.51	\$1,500.00	\$1,500.00	\$350.00	\$350.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$223,345.45		\$139,270.00		\$207,302.97
ALTERNATE BID ITEMS									
1	TRENCHLESS CONSTRUCTION FOR 8-FOOT BY 4-FOOT REINFORCED CONCRETE BOX (RCB), C-1433, ALL DEPTHS, INCLUDES SEAL PER CITY STANDARDS ON JOINTS, TO BE USED IN LIEU OF DRAINAGE FACILITIES ITEM NO. 7, COMPLETE IN PLACE	LF	680	\$2,761.51	\$1,877,826.80	\$2,200.00	\$1,496,000.00	\$2,290.00	\$1,557,200.00
2	CONTRACTOR TO HAUL EXCESS UTILITY EXCAVATION OFFSITE TO LOCATION DETERMINED BY CONTRACTOR, TO BE USED IN LIEU OF MISCELLANEOUS ITEM NO. 3, COMPLETE IN PLACE	CY	18000	\$17.26	\$310,680.00	\$20.00	\$360,000.00	\$20.00	\$360,000.00
ALTERNATE BID ITEMS SUBTOTAL:					\$2,188,506.80		\$1,856,000.00		\$1,917,200.00
BIDDING SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS					\$276,324.75		\$296,862.00		\$448,909.80
SUBTOTAL SANITARY SEWER ITEMS					\$492,497.80		\$565,596.00		\$515,785.60
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$1,820,632.30		\$1,874,775.00		\$1,882,314.60
SUBTOTAL FORCE MAIN ITEMS					\$277,290.89		\$269,815.00		\$245,722.00
SUBTOTAL MISCELLANEOUS ITEMS					\$223,345.45		\$139,270.00		\$207,302.97
TOTAL AMOUNT BASE BID					\$3,090,091.19		\$3,146,318.00		\$3,300,034.97
ALTERNATE BID ITEMS									
TOTAL AMOUNT BASE BID					\$3,090,091.19		\$3,146,318.00		\$3,300,034.97
DEDUCT DRAINAGE FACILITIES ITEMS ITEM NO.7					-\$388,790.00		-\$401,200.00		-\$476,000.00
DEDUCT MISCELLANEOUS ITEMS ITEM NO.3					-\$41,040.00		-\$18,000.00		-\$18,000.00
SUBTOTAL ALTERNATE BID ITEMS					\$2,188,506.80		\$1,856,000.00		\$1,917,200.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$4,848,767.99		\$4,583,118.00		\$4,723,234.97