

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, & DRAINAGE FACILITIES
TO SERVE TAMARRON SECTION 45B
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188
CITY OF RICHMOND, FORT BEND COUNTY, TEXAS
SEPTEMBER 23, 2021
LJA ENGINEERING, INC.
D. FORREST
SEPTEMBER 23, 2021
1931-6045B (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID
1) DIMAS BROS. CONSTRUCTION	\$1,641,000.00
2) R CONSTRUCTION CIVIL	\$1,770,244.12
3) CROSTEX CONSTRUCTION INC.	\$1,775,000.00
4) BLAZEY CONSTRUCTION SERVICES LLC	\$1,853,565.84
5) TRANSTEX CONSTRUCTION, LLC	\$1,872,927.17
6) PRINCIPAL SERVICES, LTD	\$1,885,555.39

CALENDAR DAYS - 85/100



Melony F. Gay

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

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CONSTRUCTION OF THE WATER, SANITARY SEWER, & DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 45B
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188
 CITY OF RICHMOND, FORT BEND COUNTY, TEXAS
 SEPTEMBER 23, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 SEPTEMBER 23, 2021
 1931-6045B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) CROSTEX CONSTRUCTION INC.	
				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	757	\$24.80	\$18,773.60	\$27.00	\$20,439.00	\$23.00	\$17,411.00
2	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2095	\$32.35	\$67,773.25	\$34.00	\$71,230.00	\$32.00	\$67,040.00
3	12" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	55	\$57.35	\$3,154.25	\$60.00	\$3,300.00	\$61.00	\$3,355.00
4	16" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2331	\$87.25	\$203,379.75	\$115.00	\$268,065.00	\$120.00	\$279,720.00
5	12" RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	15	\$155.00	\$2,325.00	\$65.00	\$975.00	\$75.00	\$1,125.00
6	16" RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	280	\$157.00	\$43,960.00	\$135.00	\$37,800.00	\$140.00	\$39,200.00
7	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLA	EA	9	\$4,984.00	\$44,856.00	\$5,900.00	\$53,100.00	\$5,500.00	\$49,500.00
8	8" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	7	\$1,222.00	\$8,554.00	\$1,700.00	\$11,900.00	\$1,550.00	\$10,850.00
9	12" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	1	\$2,245.00	\$2,245.00	\$3,000.00	\$3,000.00	\$2,850.00	\$2,850.00
10	16" AWWA BUTTERFLY VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	7	\$3,950.00	\$27,650.00	\$5,700.00	\$39,900.00	\$7,000.00	\$49,000.00
11	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	5.7	\$2,884.00	\$16,438.80	\$6,200.00	\$35,340.00	\$6,500.00	\$37,050.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5533	\$1.00	\$5,533.00	\$1.00	\$5,533.00	\$1.00	\$5,533.00
13	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	4	\$650.00	\$2,600.00	\$600.00	\$2,400.00	\$1,750.00	\$7,000.00
14	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
15	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	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$23,000.00	\$23,000.00
16	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$12,084.00	\$12,084.00	\$14,000.00	\$14,000.00	\$13,586.00	\$13,586.00
17	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
18	12" PLUG & CLAMP, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$400.00	\$400.00	\$460.00	\$460.00
19	16" PLUG & CLAMP, COMPLETE IN PLACE	EA	1	\$370.00	\$370.00	\$800.00	\$800.00	\$2,000.00	\$2,000.00
20	2" BLOW OFF ASSEMBLY BOX, COMPLETE IN PLACE	EA	2	\$650.00	\$1,300.00	\$1,200.00	\$2,400.00	\$905.00	\$1,810.00
21	AIR RELEASE VALVE ON 16" P.V.C. WATER LINE, TO BE USED AT THE DIRECTION OF THE ENGINEER, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$4,500.00	\$13,500.00	\$3,000.00	\$9,000.00	\$6,000.00	\$18,000.00

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 TO SERVE TAMARRON SECTION 45B
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188
 CITY OF RICHMOND, FORT BEND COUNTY, TEXAS
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 LJA ENGINEERING, INC.
 D. FORREST
 SEPTEMBER 23, 2021
 1931-6045B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
22	BORE AND JACK OR TUNNEL FOR 16" WATERLINE HOUSED IN 24" CASING (EXCLUDES PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLAC	LF	50	\$195.00	\$9,750.00	\$200.00	\$10,000.00	\$250.00	\$12,500.00
23	24" STEEL CASING FOR 16" WATER LINE, INCLUDES SPACERS, END SEALS, AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	50	\$45.00	\$2,250.00	\$200.00	\$10,000.00	\$150.00	\$7,500.00
WATER SYSTEM ITEMS SUBTOTAL:					\$510,196.65		\$623,082.00		\$651,990.00
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	955	\$40.50	\$38,677.50	\$37.00	\$35,335.00	\$35.00	\$33,425.00
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	1613	\$45.55	\$73,472.15	\$39.00	\$62,907.00	\$39.00	\$62,907.00
3	10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, 0 - 12' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	754	\$47.10	\$35,513.40	\$44.00	\$33,176.00	\$44.00	\$33,176.00
4	10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, 12' - 16' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	367	\$50.35	\$18,478.45	\$45.00	\$16,515.00	\$49.00	\$17,983.00
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	23	\$3,484.00	\$80,132.00	\$2,600.00	\$59,800.00	\$2,500.00	\$57,500.00
6	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	93.74	\$121.00	\$11,342.54	\$170.00	\$15,935.80	\$250.00	\$23,435.00
7	FINAL ADJUSTMENTS TO SANITARY MANHOLES, INCLUDING EXISTING MANHOLES, COMPLETE IN PLACE	EA	23	\$50.00	\$1,150.00	\$1.00	\$23.00	\$150.00	\$3,450.00
8	"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	35	\$1,358.00	\$47,530.00	\$1,400.00	\$49,000.00	\$1,855.00	\$64,925.00
9	"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	2663	\$47.45	\$126,359.35	\$55.00	\$146,465.00	\$47.00	\$125,161.00
10	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' - 2.5' DEPTH), COMPLETE IN PLACE	EA	2	\$915.00	\$1,830.00	\$900.00	\$1,800.00	\$1,750.00	\$3,500.00
11	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2.5' OF DEPTHS), COMPLETE IN PLACE	VF	3.12	\$1.00	\$3.12	\$36.00	\$112.32	\$75.00	\$234.00
12	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
13	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3689	\$3.00	\$11,067.00	\$3.00	\$11,067.00	\$3.00	\$11,067.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6352	\$1.00	\$6,352.00	\$1.00	\$6,352.00	\$1.00	\$6,352.00
15	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	\$84.00	\$168.00	\$400.00	\$800.00	\$1,850.00	\$3,700.00
16	SANITARY SEWER PLUG, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$75.00	\$75.00	\$100.00	\$100.00	\$100.00	\$100.00
SANITARY SEWER ITEMS SUBTOTAL:					\$532,150.51		\$519,388.12		\$526,915.00

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 SEPTEMBER 23, 2021
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ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	2562	\$70.30	\$180,108.60	\$70.00	\$179,340.00	\$65.00	\$166,530.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	961	\$84.80	\$81,492.80	\$90.00	\$86,490.00	\$81.00	\$77,841.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	459	\$112.85	\$51,798.15	\$120.00	\$55,080.00	\$110.00	\$50,490.00
4	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	43	\$147.00	\$6,321.00	\$170.00	\$7,310.00	\$143.00	\$6,149.00
5	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	29	\$835.00	\$24,215.00	\$1,200.00	\$34,800.00	\$2,000.00	\$58,000.00
6	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	29	\$1,400.00	\$40,600.00	\$2,000.00	\$58,000.00	\$500.00	\$14,500.00
7	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	21	\$3,884.00	\$81,564.00	\$2,900.00	\$60,900.00	\$2,500.00	\$52,500.00
8	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER WITH TYPE "E" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,884.00	\$4,884.00	\$3,100.00	\$3,100.00	\$4,500.00	\$4,500.00
9	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$14,000.00	\$28,000.00	\$4,800.00	\$9,600.00	\$3,200.00	\$6,400.00
10	FINAL ADJUSTMENT OF EXISTING AND PROPOSED MANHOLE AND JUNCTION BOX RIM AND INLET THROAT AND OPENING ELEVATIONS, COMPLETE IN PLACE	EA	24	\$50.00	\$1,200.00	\$1.00	\$24.00	\$150.00	\$3,600.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4273	\$1.00	\$4,273.00	\$1.00	\$4,273.00	\$1.00	\$4,273.00
12	DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	3250	\$1.75	\$5,687.50	\$2.50	\$8,125.00	\$4.00	\$13,000.00
13	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	5845	\$1.60	\$9,352.00	\$1.60	\$9,352.00	\$1.60	\$9,352.00
14	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$264.79	\$264.79	\$1,500.00	\$1,500.00	\$2,850.00	\$2,850.00
15	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	7840	\$1.00	\$7,840.00	\$2.00	\$15,680.00	\$1.50	\$11,760.00
16	INSTALL AND MAINTAIN SOD, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	500	\$1.00	\$500.00	\$1.00	\$500.00	\$10.00	\$5,000.00
17	TYPE "E" INLET, ALL DEPTHS, INCLUDES RIM ELEVATION ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$2,300.00	\$4,600.00	\$3,750.00	\$7,500.00
18	REMOVE AND DISPOSE OF 8" BRICKWALL PLUG AND CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$184.00	\$552.00	\$700.00	\$2,100.00	\$950.00	\$2,850.00
19	FLAP GATE ON 24" STORM SEWER, PER PLANS AND DETAILS, INCLUDES ALL NECESSARY FITTINGS AND APPURTENANCES, COMPLETE IN PLACE	EA	3	\$12,000.00	\$36,000.00	\$19,000.00	\$57,000.00	\$23,000.00	\$69,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20	INCENTIVE PAYMENT FOR EARLY ACHIEVEMENT OF SUBSTANTIAL COMPLETION, UP TO 15 DAYS	DAY	15	\$2,000.00	\$30,000.00	\$2,000.00	\$30,000.00	\$2,000.00	\$30,000.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$598,652.84	\$627,774.00	\$596,095.00		
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER SYSTEM ITEMS					\$510,196.65	\$623,082.00	\$651,990.00		
SUBTOTAL SANITARY SEWER ITEMS					\$532,150.51	\$519,388.12	\$526,915.00		
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$598,652.84	\$627,774.00	\$596,095.00		
TOTAL AMOUNT BASE BID					\$1,641,000.00	\$1,770,244.12	\$1,775,000.00		

LJA Engineering, Inc.

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ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) TRANSTEX CONSTRUCTION , LLC		6) PRINCIPAL SERVICES, LTD	
				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	757	\$24.83	\$18,796.31	\$25.00	\$18,925.00	\$30.00	\$22,710.00
2	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2095	\$35.50	\$74,372.50	\$34.00	\$71,230.00	\$40.00	\$83,800.00
3	12" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	55	\$63.09	\$3,469.95	\$72.00	\$3,960.00	\$65.00	\$3,575.00
4	16" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2331	\$120.73	\$281,421.63	\$101.00	\$235,431.00	\$118.00	\$275,058.00
5	12" RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	15	\$143.17	\$2,147.55	\$90.00	\$1,350.00	\$66.00	\$990.00
6	16" RESTRAINED JOINT WATER LINE, C-905, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	280	\$188.86	\$52,880.80	\$135.00	\$37,800.00	\$132.00	\$36,960.00
7	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLA	EA	9	\$8,518.00	\$76,662.00	\$6,000.00	\$54,000.00	\$5,700.00	\$51,300.00
8	8" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	7	\$1,492.85	\$10,449.95	\$1,490.00	\$10,430.00	\$1,600.00	\$11,200.00
9	12" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	1	\$2,729.21	\$2,729.21	\$2,670.00	\$2,670.00	\$3,000.00	\$3,000.00
10	16" AWWA BUTTERFLY VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	7	\$8,445.51	\$59,118.57	\$6,030.00	\$42,210.00	\$5,000.00	\$35,000.00
11	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	5.7	\$3,788.96	\$21,597.07	\$11,700.00	\$66,690.00	\$500.00	\$2,850.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5533	\$1.00	\$5,533.00	\$1.00	\$5,533.00	\$1.00	\$5,533.00
13	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	4	\$797.81	\$3,191.24	\$1,400.00	\$5,600.00	\$900.00	\$3,600.00
14	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	\$1,700.00	\$3,400.00	\$1,500.00	\$3,000.00
15	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	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00
16	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$13,950.00	\$13,950.00	\$16,531.00	\$16,531.00	\$14,036.39	\$14,036.39
17	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
18	12" PLUG & CLAMP, COMPLETE IN PLACE	EA	1	\$413.41	\$413.41	\$537.00	\$537.00	\$500.00	\$500.00
19	16" PLUG & CLAMP, COMPLETE IN PLACE	EA	1	\$736.42	\$736.42	\$1,127.00	\$1,127.00	\$900.00	\$900.00
20	2" BLOW OFF ASSEMBLY BOX, COMPLETE IN PLACE	EA	2	\$1,501.99	\$3,003.98	\$540.00	\$1,080.00	\$1,200.00	\$2,400.00
21	AIR RELEASE VALVE ON 16" P.V.C. WATER LINE, TO BE USED AT THE DIRECTION OF THE ENGINEER, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$19,019.61	\$57,058.83	\$3,756.00	\$11,268.00	\$3,100.00	\$9,300.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, & DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 45B
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188
 CITY OF RICHMOND, FORT BEND COUNTY, TEXAS
 SEPTEMBER 23, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 SEPTEMBER 23, 2021
 1931-6045B (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) TRANSTEX CONSTRUCTION , LLC		6) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
22	BORE AND JACK OR TUNNEL FOR 16" WATERLINE HOUSED IN 24" CASING (EXCLUDES PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLAC	LF	50	\$29.12	\$1,456.00	\$149.00	\$7,450.00	\$195.00	\$9,750.00
23	24" STEEL CASING FOR 16" WATER LINE, INCLUDES SPACERS, END SEALS, AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	50	\$78.85	\$3,942.50	\$118.00	\$5,900.00	\$130.00	\$6,500.00
WATER SYSTEM ITEMS SUBTOTAL:					\$716,430.92	\$629,622.00	\$603,462.39		
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	955	\$42.98	\$41,045.90	\$48.00	\$45,840.00	\$45.00	\$42,975.00
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	1613	\$52.40	\$84,521.20	\$50.00	\$80,650.00	\$50.00	\$80,650.00
3	10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, 0 - 12' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	754	\$51.56	\$38,876.24	\$58.00	\$43,732.00	\$55.00	\$41,470.00
4	10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, 12' - 16' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	367	\$60.97	\$22,375.99	\$56.00	\$20,552.00	\$60.00	\$22,020.00
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	23	\$3,040.87	\$69,940.01	\$3,300.00	\$75,900.00	\$3,500.00	\$80,500.00
6	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	93.74	\$174.74	\$16,380.13	\$173.00	\$16,217.02	\$200.00	\$18,748.00
7	FINAL ADJUSTMENTS TO SANITARY MANHOLES, INCLUDING EXISTING MANHOLES, COMPLETE IN PLACE	EA	23	\$58.25	\$1,339.75	\$285.00	\$6,555.00	\$1.00	\$23.00
8	"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	35	\$1,332.43	\$46,635.05	\$1,500.00	\$52,500.00	\$2,100.00	\$73,500.00
9	"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	2663	\$50.82	\$135,333.86	\$57.00	\$151,791.00	\$61.00	\$162,443.00
10	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' – 2.5' DEPTH), COMPLETE IN PLACE	EA	2	\$706.29	\$1,412.58	\$1,125.00	\$2,250.00	\$900.00	\$1,800.00
11	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2.5' OF DEPTHS), COMPLETE IN PLACE	VF	3.12	\$20.27	\$63.24	\$45.00	\$140.40	\$50.00	\$156.00
12	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	\$25.00	\$100,000.00
13	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3689	\$3.00	\$11,067.00	\$3.00	\$11,067.00	\$3.00	\$11,067.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6352	\$1.00	\$6,352.00	\$1.00	\$6,352.00	\$1.00	\$6,352.00
15	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	\$1,501.05	\$3,002.10	\$400.00	\$800.00	\$400.00	\$800.00
16	SANITARY SEWER PLUG, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$171.42	\$171.42	\$170.00	\$170.00	\$100.00	\$100.00
SANITARY SEWER ITEMS SUBTOTAL:					\$558,516.27	\$594,516.42	\$642,604.00		

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, & DRAINAGE FACILITIES
 TO SERVE TAMARRON SECTION 45B
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188
 CITY OF RICHMOND, FORT BEND COUNTY, TEXAS
 SEPTEMBER 23, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 SEPTEMBER 23, 2021
 1931-6045B (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) TRANSTEX CONSTRUCTION , LLC		6) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	2562	\$64.93	\$166,350.66	\$68.00	\$174,216.00	\$74.00	\$189,588.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	961	\$80.23	\$77,101.03	\$92.00	\$88,412.00	\$92.00	\$88,412.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	459	\$110.55	\$50,742.45	\$122.00	\$55,998.00	\$129.00	\$59,211.00
4	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	43	\$148.35	\$6,379.05	\$154.00	\$6,622.00	\$170.00	\$7,310.00
5	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	29	\$1,695.00	\$49,155.00	\$1,900.00	\$55,100.00	\$1,200.00	\$34,800.00
6	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	29	\$1,266.88	\$36,739.52	\$1,200.00	\$34,800.00	\$1,900.00	\$55,100.00
7	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	21	\$4,158.87	\$87,336.27	\$3,600.00	\$75,600.00	\$2,800.00	\$58,800.00
8	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER WITH TYPE "E" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,556.41	\$4,556.41	\$3,500.00	\$3,500.00	\$2,800.00	\$2,800.00
9	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$5,274.31	\$10,548.62	\$3,900.00	\$7,800.00	\$8,000.00	\$16,000.00
10	FINAL ADJUSTMENT OF EXISTING AND PROPOSED MANHOLE AND JUNCTION BOX RIM AND INLET THROAT AND OPENING ELEVATIONS, COMPLETE IN PLA	EA	24	\$58.25	\$1,398.00	\$245.00	\$5,880.00	\$1.00	\$24.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4273	\$1.00	\$4,273.00	\$1.00	\$4,273.00	\$1.00	\$4,273.00
12	DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	3250	\$1.46	\$4,745.00	\$3.80	\$12,350.00	\$3.00	\$9,750.00
13	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	5845	\$1.60	\$9,352.00	\$1.75	\$10,228.75	\$1.60	\$9,352.00
14	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$1,543.56	\$1,543.56	\$1,700.00	\$1,700.00	\$1,000.00	\$1,000.00
15	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	7840	\$1.46	\$11,446.40	\$2.60	\$20,384.00	\$1.60	\$12,544.00
16	INSTALL AND MAINTAIN SOD, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	500	\$8.15	\$4,075.00	\$4.00	\$2,000.00	\$6.05	\$3,025.00
17	TYPE "E" INLET, ALL DEPTHS, INCLUDES RIM ELEVATION ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	2	\$5,082.09	\$10,164.18	\$2,700.00	\$5,400.00	\$2,500.00	\$5,000.00
18	REMOVE AND DISPOSE OF 8" BRICKWALL PLUG AND CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$1,412.50	\$4,237.50	\$175.00	\$525.00	\$500.00	\$1,500.00
19	FLAP GATE ON 24" STORM SEWER, PER PLANS AND DETAILS, INCLUDES ALL NECESSARY FITTINGS AND APPURTENANCES, COMPLETE IN PLACE	EA	3	\$2,825.00	\$8,475.00	\$18,000.00	\$54,000.00	\$17,000.00	\$51,000.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, & DRAINAGE FACILITIES
TO SERVE TAMARRON SECTION 45B
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188
CITY OF RICHMOND, FORT BEND COUNTY, TEXAS
SEPTEMBER 23, 2021
LJA ENGINEERING, INC.
D. FORREST
SEPTEMBER 23, 2021
1931-6045B (9.2)

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

4) BLAZEY CONSTRUCTION SERVICES LLC

5) TRANSTEX CONSTRUCTION , LLC

6) PRINCIPAL SERVICES, LTD

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20	INCENTIVE PAYMENT FOR EARLY ACHIEVEMENT OF SUBSTANTIAL COMPLETION, UP TO 15 DAYS	DAY	15	\$2,000.00	\$30,000.00	\$2,000.00	\$30,000.00	\$2,000.00	\$30,000.00

DRAINAGE FACILITIES ITEMS SUBTOTAL:

\$578,618.65

\$648,788.75

\$639,489.00

BIDDING SUMMARY

SUBTOTAL WATER SYSTEM ITEMS					\$716,430.92		\$629,622.00		\$603,462.39
SUBTOTAL SANITARY SEWER ITEMS					\$558,516.27		\$594,516.42		\$642,604.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$578,618.65		\$648,788.75		\$639,489.00
TOTAL AMOUNT BASE BID					\$1,853,565.84		\$1,872,927.17		\$1,885,555.39

LJA Engineering, Inc.