

BID TABULATION ROUTING FORM

To: MELONY F. GAY, P.E.

From: D. FORREST

Date: SEPTEMBER 21, 2021

Job Number: 1931-6052A (9.2)

Project Name: CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES TO SERVE TAMARRON SECTION 52 AND TAMARRON POINT SECTION 3

Bid Date: SEPTEMBER 21, 2021

- Attachments: Bid Tabulation, Bids, Other:

Notes:

PLEASE REVIEW AND SEAL THE BID TAB, CHECK ONE OF THE OPTIONS BELOW, AND RETURN ALL ITEMS TO CAG

- Prepare Recommendation of Award Letter for low bidder
Prepare Notice of Award Letter for Low Bidder
Anticipated Award Letter
Based on actions Taken at District Meeting on: (Date)
Prepare Contracts for Low Bidder
Hold until further notice
Other/Special Instructions:

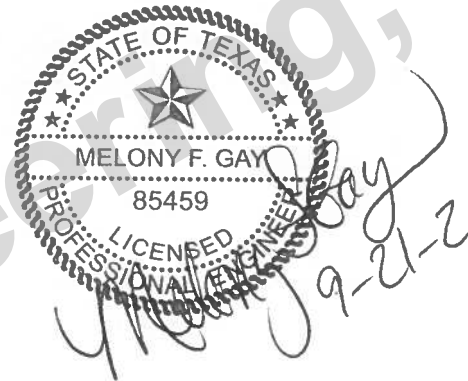
BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
TO SERVE TAMARRON SECTION 52 AND TAMARRON POINT SECTION 3  
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188  
CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS  
SEPTEMBER 21, 2021  
LJA ENGINEERING, INC.  
D. FORREST  
SEPTEMBER 21, 2021  
1931-6052A (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	\$1,183,000.00
2) R CONSTRUCTION CIVIL	\$1,187,126.42
3) PRINCIPAL SERVICES, LTD	\$1,191,332.66
4) BLAZEY CONSTRUCTION SERVICES LLC	\$1,281,613.94
5) CE BARKER, LTD	\$1,296,858.20

CALENDAR DAYS - 85/100



*Melony F. Gay*

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

**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 52 AND TAMARRON POINT SECTION 3  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188  
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 21, 2021  
 LJA ENGINEERING, INC.  
 D. FORREST  
 SEPTEMBER 21, 2021  
 1931-6052A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER SYSTEM ITEMS</b>									
1	6" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1079	\$23.30	\$25,140.70	\$23.00	\$24,817.00	\$29.00	\$31,291.00
2	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2319	\$33.25	\$77,106.75	\$30.00	\$69,570.00	\$31.00	\$71,889.00
3	12" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1353	\$55.40	\$74,956.20	\$55.00	\$74,415.00	\$55.00	\$74,415.00
4	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLA	EA	9	\$4,515.00	\$40,635.00	\$5,000.00	\$45,000.00	\$4,500.00	\$40,500.00
5	6" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	4	\$830.00	\$3,320.00	\$1,200.00	\$4,800.00	\$900.00	\$3,600.00
6	8" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	6	\$1,195.00	\$7,170.00	\$1,500.00	\$9,000.00	\$1,300.00	\$7,800.00
7	12" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	4	\$2,165.00	\$8,660.00	\$2,700.00	\$10,800.00	\$1,600.00	\$6,400.00
8	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	1.82	\$4,000.00	\$7,280.00	\$4,700.00	\$8,554.00	\$500.00	\$910.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4751	\$1.00	\$4,751.00	\$1.00	\$4,751.00	\$1.00	\$4,751.00
10	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	\$484.00	\$968.00	\$400.00	\$800.00	\$550.00	\$1,100.00
11	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	\$1,500.00	\$3,000.00
12	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	\$19,100.00	\$19,100.00	\$19,100.00	\$19,100.00	\$19,100.00	\$19,100.00
13	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$8,800.00	\$8,800.00	\$9,000.00	\$9,000.00	\$8,812.65	\$8,812.65
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" X 12" TAPPING SLEEVE AND VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$7,800.00	\$7,800.00	\$7,100.00	\$7,100.00	\$6,000.00	\$6,000.00
<b>WATER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$289,187.65</b>		<b>\$291,207.00</b>		<b>\$281,068.65</b>
<b>SANITARY SEWER ITEMS</b>									
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	1365	\$45.00	\$61,425.00	\$34.00	\$46,410.00	\$37.00	\$50,505.00
2	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	11	\$6,484.00	\$71,324.00	\$2,500.00	\$27,500.00	\$3,500.00	\$38,500.00
3	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	19.14	\$150.00	\$2,871.00	\$150.00	\$2,871.00	\$200.00	\$3,828.00
4	FINAL ADJUSTMENTS TO SANITARY MANHOLES, INCLUDING EXISTING MANHOLES, COMPLETE IN PLACE	EA	33	\$50.00	\$1,650.00	\$1.00	\$33.00	\$1.00	\$33.00

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**LJA JOB NO.**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
 TO SERVE TAMARRON SECTION 52 AND TAMARRON POINT SECTION 3  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188  
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 21, 2021  
 LJA ENGINEERING, INC.  
 D. FORREST  
 SEPTEMBER 21, 2021  
 1931-6052A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	"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	15	\$1,184.00	\$17,760.00	\$1,100.00	\$16,500.00	\$1,300.00	\$19,500.00
6	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, INCLUDES CONNECTION TO EXISTING SANITARY SEWER MAIN LINE OR MANHOLE, 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	15	\$1,335.00	\$20,025.00	\$1,400.00	\$21,000.00	\$1,400.00	\$21,000.00
7	"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	622	\$45.80	\$28,487.60	\$45.00	\$27,990.00	\$42.00	\$26,124.00
8	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, INCLUDES CONNECTION TO EXISTING SANITARY SEWER MAIN LINE OR MANHOLE, 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	LF	261	\$48.00	\$12,528.00	\$67.00	\$17,487.00	\$43.00	\$11,223.00
9	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' - 2.5' DEPTH), COMPLETE IN PLACE	EA	2	\$600.00	\$1,200.00	\$800.00	\$1,600.00	\$900.00	\$1,800.00
10	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2.5' OF DEPTHS), COMPLETE IN PLACE	VF	9.81	\$1.00	\$9.81	\$32.00	\$313.92	\$45.00	\$441.45
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	\$25.00	\$100,000.00
12	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3610	\$3.00	\$10,830.00	\$3.00	\$10,830.00	\$3.00	\$10,830.00
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2750	\$1.00	\$2,750.00	\$1.00	\$2,750.00	\$1.00	\$2,750.00
14	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED SANITARY SEWER LINE, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	3	\$1,000.00	\$3,000.00	\$1,500.00	\$4,500.00	\$500.00	\$1,500.00
<b>SANITARY SEWER ITEMS SUBTOTAL:</b>					<b>\$313,860.41</b>		<b>\$259,784.92</b>		<b>\$288,034.45</b>
<b>DRAINAGE FACILITIES ITEMS</b>									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2064	\$70.05	\$144,583.20	\$68.00	\$140,352.00	\$71.00	\$146,544.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	866	\$85.45	\$73,999.70	\$87.00	\$75,342.00	\$85.00	\$73,610.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	352	\$112.00	\$39,424.00	\$118.00	\$41,536.00	\$121.00	\$42,592.00
4	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	283	\$168.00	\$47,544.00	\$205.00	\$58,015.00	\$210.00	\$59,430.00
5	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	256	\$236.65	\$60,582.40	\$270.00	\$69,120.00	\$300.00	\$76,800.00
6	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	25	\$838.00	\$20,950.00	\$1,150.00	\$28,750.00	\$1,100.00	\$27,500.00

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**LJA JOB NO.**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
 TO SERVE TAMARRON SECTION 52 AND TAMARRON POINT SECTION 3  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188  
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 21, 2021  
 LJA ENGINEERING, INC.  
 D. FORREST  
 SEPTEMBER 21, 2021  
 1931-6052A (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	25	\$1,345.00	\$33,625.00	\$1,900.00	\$47,500.00	\$1,700.00	\$42,500.00
8	STAGE I – STANDARD PRECAST INLET TYPE "C-1", ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	4	\$955.00	\$3,820.00	\$3,000.00	\$12,000.00	\$1,100.00	\$4,400.00
9	STAGE II - STANDARD PRECAST INLET TYPE "C-1", (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	4	\$1,590.00	\$6,360.00	\$2,800.00	\$11,200.00	\$2,100.00	\$8,400.00
10	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	20	\$3,410.00	\$68,200.00	\$2,800.00	\$56,000.00	\$2,500.00	\$50,000.00
11	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,884.00	\$7,768.00	\$6,500.00	\$13,000.00	\$3,400.00	\$6,800.00
12	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER WITH TYPE "A" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$8,500.00	\$8,500.00	\$3,227.73	\$3,227.73
13	FINAL ADJUSTMENT OF EXISTING AND PROPOSED MANHOLE AND JUNCTION BOX RIM AND INLET THROAT AND OPENING ELEVATIONS, COMPLETE IN PLACE	EA	23	\$50.00	\$1,150.00	\$1.00	\$23.00	\$1.00	\$23.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3821	\$1.00	\$3,821.00	\$1.00	\$3,821.00	\$1.00	\$3,821.00
15	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	80	\$84.00	\$6,720.00	\$80.00	\$6,400.00	\$120.00	\$9,600.00
16	18" RIP RAP, COMPLETE IN PLACE	SY	50	\$50.00	\$2,500.00	\$90.00	\$4,500.00	\$100.00	\$5,000.00
17	DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1500	\$2.00	\$3,000.00	\$2.00	\$3,000.00	\$3.00	\$4,500.00
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	5205	\$1.60	\$8,328.00	\$1.60	\$8,328.00	\$1.60	\$8,328.00
19	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$811.64	\$811.64	\$800.00	\$800.00	\$681.33	\$681.33
20	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	6165	\$1.00	\$6,165.00	\$1.50	\$9,247.50	\$1.50	\$9,247.50
21	INSTALL AND MAINTAIN SOD, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	500	\$2.00	\$1,000.00	\$1.00	\$500.00	\$6.05	\$3,025.00
22	TYPE "E" INLET, ALL DEPTHS, INCLUDES RIM ELEVATION ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00
23	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
24	COFFER DAM, INCLUDING INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	2	\$1,800.00	\$3,600.00	\$3,000.00	\$6,000.00	\$2,000.00	\$4,000.00
<b>DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$579,951.94</b>		<b>\$636,134.50</b>		<b>\$622,229.56</b>

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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188  
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 21, 2021  
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ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b><u>BIDDING SUMMARY</u></b>									
	SUBTOTAL WATER SYSTEM ITEMS				\$289,187.65		\$291,207.00		\$281,068.65
	SUBTOTAL SANITARY SEWER ITEMS				\$313,860.41		\$259,784.92		\$288,034.45
	SUBTOTAL DRAINAGE FACILITIES ITEMS				\$579,951.94		\$636,134.50		\$622,229.56
	<b>TOTAL AMOUNT BASE BID</b>				<b>\$1,183,000.00</b>		<b>\$1,187,126.42</b>		<b>\$1,191,332.66</b>

LJA Engineering, Inc.

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ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER SYSTEM ITEMS</b>							
1	6" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1079	\$26.10	\$28,161.90	\$23.87	\$25,755.73
2	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2319	\$36.97	\$85,733.43	\$33.89	\$78,590.91
3	12" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1353	\$64.90	\$87,809.70	\$61.87	\$83,710.11
4	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLA	EA	9	\$4,871.74	\$43,845.66	\$5,692.93	\$51,236.37
5	6" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	4	\$958.56	\$3,834.24	\$1,047.34	\$4,189.36
6	8" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	6	\$1,389.18	\$8,335.08	\$1,518.50	\$9,111.00
7	12" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	4	\$2,560.66	\$10,242.64	\$2,959.96	\$11,839.84
8	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	1.82	\$4,322.79	\$7,867.48	\$5,989.94	\$10,901.69
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4751	\$1.00	\$4,751.00	\$1.00	\$4,751.00
10	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	\$448.74	\$897.48	\$873.39	\$1,746.78
11	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
12	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	\$19,100.00	\$19,100.00	\$19,100.00	\$19,100.00
13	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$9,615.00	\$9,615.00	\$11,771.37	\$11,771.37
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
15	16" X 12" TAPPING SLEEVE AND VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$8,441.73	\$8,441.73	\$7,750.37	\$7,750.37
<b>WATER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$322,135.34</b>		<b>\$323,954.53</b>
<b>SANITARY SEWER ITEMS</b>							
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	1365	\$43.78	\$59,759.70	\$45.52	\$62,134.80
2	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	11	\$3,016.76	\$33,184.36	\$3,280.32	\$36,083.52
3	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	19.14	\$175.02	\$3,349.88	\$181.56	\$3,475.06
4	FINAL ADJUSTMENTS TO SANITARY MANHOLES, INCLUDING EXISTING MANHOLES, COMPLETE IN PLACE	EA	33	\$58.34	\$1,925.22	\$0.01	\$0.33

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
 TO SERVE TAMARRON SECTION 52 AND TAMARRON POINT SECTION 3  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188  
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 21, 2021  
 LJA ENGINEERING, INC.  
 D. FORREST  
 SEPTEMBER 21, 2021  
 1931-6052A (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) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	"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	15	\$1,037.00	\$15,555.00	\$1,200.63	\$18,009.45
6	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, INCLUDES CONNECTION TO EXISTING SANITARY SEWER MAIN LINE OR MANHOLE, 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	15	\$2,267.01	\$34,005.15	\$1,570.29	\$23,554.35
7	"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	622	\$48.71	\$30,297.62	\$58.56	\$36,424.32
8	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, INCLUDES CONNECTION TO EXISTING SANITARY SEWER MAIN LINE OR MANHOLE, 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	LF	261	\$93.97	\$24,526.17	\$69.28	\$18,082.08
9	STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' - 2.5' DEPTH), COMPLETE IN PLACE	EA	2	\$810.15	\$1,620.30	\$1,480.29	\$2,960.58
10	EXTRA DEPTH OF SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2.5' OF DEPTHS), COMPLETE IN PLACE	VF	9.81	\$20.27	\$198.85	\$68.18	\$668.85
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	3610	\$3.00	\$10,830.00	\$3.00	\$10,830.00
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2750	\$1.00	\$2,750.00	\$1.00	\$2,750.00
14	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED SANITARY SEWER LINE, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	3	\$1,877.69	\$5,633.07	\$1,290.44	\$3,871.32
<b>SANITARY SEWER ITEMS SUBTOTAL:</b>					<b>\$303,635.32</b>		<b>\$298,844.66</b>
<b>DRAINAGE FACILITIES ITEMS</b>							
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2064	\$65.04	\$134,242.56	\$78.10	\$161,198.40
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	866	\$80.60	\$69,799.60	\$96.33	\$83,421.78
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	352	\$109.86	\$38,670.72	\$131.15	\$46,164.80
4	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	283	\$172.46	\$48,806.18	\$199.82	\$56,549.06
5	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	256	\$245.32	\$62,801.92	\$275.47	\$70,520.32
6	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	25	\$1,691.85	\$42,296.25	\$1,438.20	\$35,955.00



**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
 TO SERVE TAMARRON SECTION 52 AND TAMARRON POINT SECTION 3  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188  
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 21, 2021  
 LJA ENGINEERING, INC.  
 D. FORREST  
 SEPTEMBER 21, 2021  
 1931-6052A (9.2)

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4) BLAZEY CONSTRUCTION SERVICES LLC

5) CE BARKER, LTD

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	25	\$1,346.62	\$33,665.50	\$1,315.80	\$32,895.00
8	STAGE I – STANDARD PRECAST INLET TYPE "C-1", ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	4	\$3,436.20	\$13,744.80	\$1,560.60	\$6,242.40
9	STAGE II - STANDARD PRECAST INLET TYPE "C-1", (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	4	\$1,696.65	\$6,786.60	\$1,683.00	\$6,732.00
10	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	20	\$3,827.07	\$76,541.40	\$2,845.00	\$56,900.00
11	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$10,906.57	\$21,813.14	\$4,925.80	\$9,851.60
12	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER WITH TYPE "A" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$8,899.69	\$8,899.69	\$6,149.80	\$6,149.80
13	FINAL ADJUSTMENT OF EXISTING AND PROPOSED MANHOLE AND JUNCTION BOX RIM AND INLET THROAT AND OPENING ELEVATIONS, COMPLETE IN PLACE	EA	23	\$58.34	\$1,341.82	\$0.01	\$0.23
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3821	\$1.00	\$3,821.00	\$1.00	\$3,821.00
15	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	80	\$116.68	\$9,334.40	\$100.37	\$8,029.60
16	18" RIP RAP, COMPLETE IN PLACE	SY	50	\$105.01	\$5,250.50	\$100.37	\$5,018.50
17	DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1500	\$2.33	\$3,495.00	\$8.13	\$12,195.00
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	5205	\$1.60	\$8,328.00	\$1.60	\$8,328.00
19	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$1,546.00	\$1,546.00	\$1,040.40	\$1,040.40
20	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	6165	\$1.87	\$11,528.55	\$1.00	\$6,165.00
21	INSTALL AND MAINTAIN SOD, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	500	\$5.83	\$2,915.00	\$6.32	\$3,160.00
22	TYPE "E" INLET, ALL DEPTHS, INCLUDES RIM ELEVATION ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$5,046.37	\$5,046.37	\$2,900.88	\$2,900.88
23	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
24	COFFER DAM, INCLUDING INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	2	\$7,584.14	\$15,168.28	\$10,410.12	\$20,820.24
<b>DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$655,843.28</b>		<b>\$674,059.01</b>

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CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
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FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 188  
CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS  
SEPTEMBER 21, 2021  
LJA ENGINEERING, INC.  
D. FORREST  
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4) BLAZEY CONSTRUCTION SERVICES LLC

5) CE BARKER, LTD

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b><u>BIDDING SUMMARY</u></b>							
	SUBTOTAL WATER SYSTEM ITEMS				\$322,135.34		\$323,954.53
	SUBTOTAL SANITARY SEWER ITEMS				\$303,635.32		\$298,844.66
	SUBTOTAL DRAINAGE FACILITIES ITEMS				\$655,843.28		\$674,059.01
	<b>TOTAL AMOUNT BASE BID</b>				<b>\$1,281,613.94</b>		<b>\$1,296,858.20</b>

LJA Engineering, Inc.