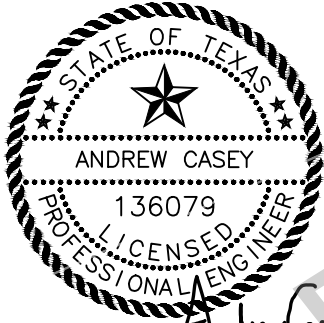


BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
MARCH 10, 2023
LJA ENGINEERING, INC.
A. OTTO
MARCH 10, 2023
2493-0126 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE A	PROPOSED CONTRACT TIME
1) HURTADO CONSTRUCTION COMPANY	\$5,818,635.64	\$6,013,127.64	180/190
2) GONZALEZ CONSTRUCTION ENTERPRISE, INC.	\$5,993,433.30	\$6,116,714.22	105/120
3) DIMAS BROS. CONSTRUCTION	\$6,096,775.00	\$6,214,938.00	110/125
4) FELLERS AND CLARK LP	\$6,261,000.00	\$6,399,655.20	120/135
5) PRINCIPAL SERVICES, LTD	\$6,464,763.81	\$6,694,417.81	135/145
6) R CONSTRUCTION CIVIL, LLC	\$6,567,146.70	\$6,748,886.70	160/180
7) HCG, LLC.	\$7,827,667.00	\$8,077,191.00	230/250



Andrew Casey
03/10/2023

I, Andrew Casey, PE, hereby certify these bid tabulations to be true and correct.

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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2023
 LJA ENGINEERING, INC.
 A. OTTO
 MARCH 10, 2023
 2493-0126 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		GONZALEZ CONSTRUCTION ENTERPRISE, IN		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	248	\$54.28	\$13,461.44	\$34.40	\$8,531.20	\$35.65	\$8,841.20
2	12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	1092	\$61.94	\$67,638.48	\$56.32	\$61,501.44	\$63.40	\$69,232.80
3	16" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	2069	\$99.30	\$205,451.70	\$94.23	\$194,961.87	\$91.95	\$190,244.55
4	8" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	31	\$36.32	\$1,125.92	\$35.85	\$1,111.35	\$39.40	\$1,221.40
5	16" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	83	\$132.70	\$11,014.10	\$135.41	\$11,239.03	\$131.65	\$10,926.95
6	8" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	73	\$68.54	\$5,003.42	\$68.25	\$4,982.25	\$74.00	\$5,402.00
7	12" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	126	\$119.74	\$15,087.24	\$122.22	\$15,399.72	\$125.35	\$15,794.10
8	16" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	427	\$191.14	\$81,616.78	\$196.70	\$83,990.90	\$205.00	\$87,535.00
9	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 12" WATERLINE ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	39	\$80.00	\$3,120.00	\$85.47	\$3,333.33	\$77.00	\$3,003.00
10	ADDITIONAL COST FOR NON-MECHANIZED EXCAVATION FOR WATERLINE CONSTRUCTION WITHIN 36" OF PIPELINE FACILITIES	LS	1	\$1,800.00	\$1,800.00	\$100.00	\$100.00	\$3,000.00	\$3,000.00
11	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	4025	\$0.08	\$322.00	\$0.01	\$40.25	\$1.00	\$4,025.00
12	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD, AND FIRE HYDRANT, COMPLETE IN PLACE	EA	9	\$7,958.00	\$71,622.00	\$6,981.09	\$62,829.81	\$6,740.00	\$60,660.00
13	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	6	\$1,688.00	\$10,128.00	\$1,842.75	\$11,056.50	\$1,605.00	\$9,630.00
14	12" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	5	\$3,128.00	\$15,640.00	\$3,377.85	\$16,889.25	\$2,990.00	\$14,950.00
15	16" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	5	\$9,748.00	\$48,740.00	\$10,361.40	\$51,807.00	\$6,000.00	\$30,000.00
16	8" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	5	\$748.00	\$3,740.00	\$585.90	\$2,929.50	\$684.00	\$3,420.00
17	12" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	2	\$748.00	\$1,496.00	\$653.10	\$1,306.20	\$708.00	\$1,416.00
18	16" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$1,480.00	\$1,480.00	\$1,163.40	\$1,163.40	\$884.00	\$884.00
19	REMOVE AND DISPOSE OF EXISTING PLUG AND CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE AND BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, TO INCLUDE ALL NECESSARY ADAPTERS AND CONNECTORS AND DISINFECTION OF EXISTING WATER LINE AS NEEDED, COMPLETE IN PLACE	EA	1	\$1,130.00	\$1,130.00	\$50.00	\$50.00	\$1,284.00	\$1,284.00

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 TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2023
 LJA ENGINEERING, INC.
 A. OTTO
 MARCH 10, 2023
 2493-0126 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		GONZALEZ CONSTRUCTION ENTERPRISE, IN		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1421	\$0.88	\$1,250.48	\$0.50	\$710.50	\$3.00	\$4,263.00
21	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
WATER ITEMS SUBTOTAL:					\$561,867.56		\$534,933.50		\$526,733.00
SANITARY SEWER SYSTEM ITEMS									
1	8" PVC SEWER PIPE, 0' – 12' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	161	\$68.00	\$10,948.00	\$56.50	\$9,096.50	\$55.10	\$8,871.10
2	8" PVC SEWER PIPE, 12' – 16' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	330	\$68.80	\$22,704.00	\$56.50	\$18,645.00	\$55.75	\$18,397.50
3	12" PVC SEWER PIPE, 12' – 16' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	492	\$108.00	\$53,136.00	\$50.82	\$25,003.44	\$72.45	\$35,645.40
4	15" PVC SEWER PIPE, 12' – 16' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	830	\$98.00	\$81,340.00	\$77.66	\$64,457.80	\$79.10	\$65,653.00
5	15" PVC SEWER PIPE, 16' – 20' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1076	\$108.00	\$116,208.00	\$74.46	\$80,118.96	\$82.65	\$88,931.40
6	15" PVC SEWER PIPE, 20' – 24' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	410	\$138.00	\$56,580.00	\$78.71	\$32,271.10	\$110.60	\$45,346.00
7	18" PVC SEWER PIPE, 20' – 24' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	14	\$178.00	\$2,492.00	\$125.38	\$1,755.32	\$115.00	\$1,610.00
8	10" PVC FORCE MAIN, AWWA C-900, DR-18, ALL DEPTHS, INCLUDES FITTINGS, COMPLETE IN PLACE	LF	1034	\$60.00	\$62,040.00	\$54.13	\$55,970.42	\$55.10	\$56,973.40
9	ADDITIONAL COST FOR NON-MECHANIZED EXCAVATION FOR SANITARY CONSTRUCTION WITHIN 36" OF PIPELINE FACILITIES	LS	1	\$5,000.00	\$5,000.00	\$100.00	\$100.00	\$3,000.00	\$3,000.00
10	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 10" FORCEMAIN, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	255	\$38.00	\$9,690.00	\$47.67	\$12,155.85	\$38.00	\$9,690.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4012	\$0.38	\$1,524.56	\$0.01	\$40.12	\$1.00	\$4,012.00
12	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0' – 8' DEPTH), TO INCLUDE INFLOW PROTECTOR AND FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	17	\$3,148.00	\$53,516.00	\$2,428.59	\$41,286.03	\$3,815.00	\$64,855.00
13	EXTRA DEPTH OF SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	159	\$138.00	\$21,942.00	\$110.00	\$17,490.00	\$172.00	\$27,348.00
14	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1003	\$25.00	\$25,075.00	\$25.00	\$25,075.00	\$25.00	\$25,075.00
15	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1003	\$15.00	\$15,045.00	\$15.00	\$15,045.00	\$15.00	\$15,045.00
16	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
17	INSTALL 8" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	2	\$41.95	\$83.90	\$50.00	\$100.00	\$100.00	\$200.00
18	INSTALL 12" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$168.00	\$168.00	\$100.00	\$100.00	\$100.00	\$100.00

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 A. OTTO
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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		GONZALEZ CONSTRUCTION ENTERPRISE, IN		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19	REMOVE 18" SANITARY SEWER PLUG AND CONNECT PROPOSED 18" SANITARY SEWER TO EXISTING 18" SANITARY SEWER STUB, COMPLETE IN PLACE	EA	1	\$8.00	\$8.00	\$150.00	\$150.00	\$184.00	\$184.00
20	REMOVE EXISTING 10" FORCE MAIN PLUG AND CLAMP AND CONNECT PROPOSED 10" FORCE MAIN, COMPLETE IN PLACE	EA	4	\$1,488.00	\$5,952.00	\$50.00	\$200.00	\$184.00	\$736.00
21	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$748.00	\$1,496.00	\$622.65	\$1,245.30	\$584.00	\$1,168.00
22	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1031	\$0.88	\$907.28	\$0.50	\$515.50	\$3.00	\$3,093.00
SANITARY SEWER SYSTEM ITEMS SUBTOTAL:					\$546,855.74		\$401,821.34		\$476,933.80
STORM SEWER SYSTEM ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1931	\$80.00	\$154,480.00	\$81.65	\$157,666.15	\$87.80	\$169,541.80
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	631	\$103.88	\$65,548.28	\$103.44	\$65,270.64	\$107.50	\$67,832.50
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	383	\$138.00	\$52,854.00	\$137.42	\$52,631.86	\$144.50	\$55,343.50
4	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	278	\$180.00	\$50,040.00	\$190.20	\$52,875.60	\$196.00	\$54,488.00
5	48" RCP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	140	\$218.00	\$30,520.00	\$221.46	\$31,004.40	\$216.45	\$30,303.00
6	60" RCP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	986	\$308.00	\$303,688.00	\$350.20	\$345,297.20	\$365.80	\$360,678.80
7	60" CMP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	84	\$263.00	\$22,092.00	\$249.34	\$20,944.56	\$232.30	\$19,513.20
8	4' X 2' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	58	\$388.00	\$22,504.00	\$271.57	\$15,751.06	\$302.00	\$17,516.00
9	6' X 6' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	75	\$658.00	\$49,350.00	\$613.14	\$45,985.50	\$646.50	\$48,487.50
10	8' X 4' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	53	\$738.00	\$39,114.00	\$689.60	\$36,548.80	\$729.60	\$38,668.80
11	9' X 5' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	339	\$848.00	\$287,472.00	\$900.10	\$305,133.90	\$930.00	\$315,270.00
12	10' X 5' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	152	\$1,008.00	\$153,216.00	\$1,035.39	\$157,379.28	\$1,129.30	\$171,653.60
13	10' X 8' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1148	\$1,118.00	\$1,283,464.00	\$1,214.79	\$1,394,578.92	\$1,284.00	\$1,474,032.00
14	STAGE I – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	20	\$1,098.00	\$21,960.00	\$829.50	\$16,590.00	\$911.00	\$18,220.00
15	STAGE II – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	20	\$1,488.00	\$29,760.00	\$1,386.00	\$27,720.00	\$1,408.00	\$28,160.00
16	STAGE I – 15' (TYPE "C-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	4	\$1,408.00	\$5,632.00	\$934.50	\$3,738.00	\$1,445.00	\$5,780.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	STAGE II – 15" (TYPE "C-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	4	\$3,408.00	\$13,632.00	\$2,373.00	\$9,492.00	\$2,345.00	\$9,380.00
18	STAGE I – 20" (MODIFIED TYPE "C") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$2,480.00	\$14,880.00	\$934.50	\$5,607.00	\$2,165.00	\$12,990.00
19	STAGE I – 20" (MODIFIED TYPE "C") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$3,480.00	\$20,880.00	\$1,900.50	\$11,403.00	\$3,284.00	\$19,704.00
20	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	9	\$2,188.00	\$19,692.00	\$2,052.75	\$18,474.75	\$4,450.00	\$40,050.00
21	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	15	\$4,888.00	\$73,320.00	\$3,575.25	\$53,628.75	\$5,635.00	\$84,525.00
22	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER WITH E-INLET TOP, ALL SIDES OPEN, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	1	\$2,580.00	\$2,580.00	\$2,525.25	\$2,525.25	\$2,625.00	\$2,625.00
23	PRECAST OR CAST IN PLACE REINFORCED CONCRETE BOX TOP MANHOLE FOR RCB STORM SEWER, ALL DEPTHS & SIZES, COMPLETE IN PLACE	EA	4	\$2,080.00	\$8,320.00	\$1,317.75	\$5,271.00	\$1,300.00	\$5,200.00
24	PRECAST OR CAST IN PLACE REINFORCED CONCRETE BOX TOP MANHOLE WITH TYPE E-INLET, ALL SIDES OPEN FOR RCB STORM SEWER, ALL DEPTHS & SIZES, COMPLETE IN PLACE	EA	1	\$2,580.00	\$2,580.00	\$1,370.25	\$1,370.25	\$1,600.00	\$1,600.00
25	JUNCTION BOX, WITH TYPE "C" MANHOLE TOP, ALL DEPTHS & SIZES, INCLUDING FINAL ADJUSTMENT, AS REQUIRED, COMPLETE IN PLACE	EA	4	\$14,598.00	\$58,392.00	\$8,877.75	\$35,511.00	\$14,150.00	\$56,600.00
26	JUNCTION BOX, WITH TYPE "E" INLET TOP, ALL DEPTHS & SIZES, INCLUDING FINAL ADJUSTMENT, AS REQUIRED, COMPLETE IN PLACE	EA	1	\$14,598.00	\$14,598.00	\$9,927.75	\$9,927.75	\$15,000.00	\$15,000.00
27	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6387	\$0.28	\$1,788.36	\$0.01	\$63.87	\$1.00	\$6,387.00
28	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1597	\$20.00	\$31,940.00	\$20.00	\$31,940.00	\$20.00	\$31,940.00
29	ADDITIONAL COST FOR NON-MECHANIZED EXCAVATION FOR STORM SEWER CONSTRUCTION WITHIN 36" OF PIPELINE FACILITIES, COMPLETE IN PLACE	LS	1	\$2,800.00	\$2,800.00	\$100.00	\$100.00	\$3,000.00	\$3,000.00
30	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1597	\$25.00	\$39,925.00	\$25.00	\$39,925.00	\$25.00	\$39,925.00
31	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	6324	\$0.88	\$5,565.12	\$0.50	\$3,162.00	\$3.00	\$18,972.00
32	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
33	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE, ALL DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$50.00	\$5,000.00	\$50.00	\$5,000.00	\$50.00	\$5,000.00
34	SHALLOW "V" BOTTOM GRASS-LINED SWALE, MAXIMUM 3:1 SIDE SLOPE, VARYING % SLOPE, TO INCLUDE THE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE IN PLACE	LF	138	\$3.88	\$535.44	\$2.00	\$276.00	\$9.00	\$1,242.00
35	4" REINFORCED CONCRETE SLOPE PAVING, WITH 18" TOE WALL, COMPLETE IN PLACE	SY	723	\$68.00	\$49,164.00	\$76.65	\$55,417.95	\$79.50	\$57,478.50
36	8" BRICK PLUG, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	4	\$8.00	\$32.00	\$150.00	\$600.00	\$184.00	\$736.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2023
 LJA ENGINEERING, INC.
 A. OTTO
 MARCH 10, 2023
 2493-0126 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		GONZALEZ CONSTRUCTION ENTERPRISE, IN		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
37	TIMBER BENT, INSTALLED PER DETAIL, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$1,100.00	\$1,100.00	\$1,500.00	\$1,500.00
38	4:1 SAFETY END TREATMENT FOR 30" STORM SEWER, TYPE II, CROSS DRAINAGE, INSTALLED PER DETAIL, EXCLUDING PIPE RUNNER AND CROSS-PIPE, COMPLETE IN PLACE	EA	1	\$1,988.00	\$1,988.00	\$2,035.95	\$2,035.95	\$2,000.00	\$2,000.00
39	4:1 SAFETY END TREATMENT FOR 4'X2' BOX CULVERT TREATMENT, TYPE II, CROSS DRAINAGE, INSTALLED PER DETAIL, EXCLUDING PIPE RUNNER AND CROSS-PIPE, COMPLETE IN PLACE	EA	1	\$4,800.00	\$4,800.00	\$5,407.50	\$5,407.50	\$2,000.00	\$2,000.00
40	REMOVE AND DISPOSE OF EXISTING 30" RCP CULVERT UNDER LOVE ROAD, TO INCLUDE TEMPORARY TRAFFIC CONTROL AND ANY APPURTENANCES NECESSARY TO MAINTAIN TRAFFIC ACCESS, AND PROPOSED ASPHALT PAVEMENT AND BASE TO RESTORE LOVE ROAD TO EXISTING CONDITIONS, COMPLETE IN PLACE	LS	1	\$5,800.00	\$5,800.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00
41	CONSTRUCTION OF TEMPORARY COFFER DAM FOR THE CONSTRUCTION OF STORM SEWER OUTFALL INTO BESSIE'S CREEK AND PONDS, INCLUDES DEWATERING AND ALL APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,500.00	\$6,000.00	\$1,500.00	\$6,000.00	\$2,000.00	\$8,000.00
STORM SEWER SYSTEM ITEMS SUBTOTAL:					\$2,959,706.20		\$3,038,854.89		\$3,307,343.20
MISCELLANEOUS ITEMS – WS&D									
1	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE ALONG BACK OF CURB (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	15636	\$1.25	\$19,545.00	\$1.25	\$19,545.00	\$1.25	\$19,545.00
2	STAGE II INLET PROTECTION BARRIER (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	34	\$1.00	\$34.00	\$10.00	\$340.00	\$10.00	\$340.00
3	INSTALLATION, MAINTENANCE, AND REMOVAL OF TYPE III ROCK FILTER DAM, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00
4	STABILIZED CONSTRUCTION EXIT, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$8.00	\$8.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00
5	HYDRO-MULCH SEEDING, INCLUDES WATERING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	5	\$1,200.00	\$6,000.00	\$2,100.00	\$10,500.00	\$1,200.00	\$6,000.00
6	AIR BRIDGE FOR PIPELINE CROSSINGS, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, NUMBER OF CROSSINGS TO BE DETERMINED BY CONTRACTOR, COMPLETE IN PLACE	LS	1	\$8.00	\$8.00	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00
7	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE. INSPECTIONS, MAINTENANCE OF ENTRANCE AND FENCE, NOI, NOT AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE	LS	1	\$1,800.00	\$1,800.00	\$500.00	\$500.00	\$500.00	\$500.00
8	CITY OF FULSHEAR INSPECTION FEE (0.75% TOTAL CONSTRUCTION COST OF WS&D FACILITIES)	LS	1	\$30,949.88	\$30,949.88	\$29,817.07	\$29,817.07	\$32,588.00	\$32,588.00
MISCELLANEOUS ITEMS – WS&D SUBTOTAL:					\$58,444.88		\$65,202.07		\$63,973.00
PAVING IMPROVEMENT ITEMS									
1	7" REINFORCED CONCRETE PAVEMENT, INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	19760	\$49.88	\$985,628.80	\$57.00	\$1,126,320.00	\$52.50	\$1,037,400.00
2	BRICK PAVER CONSTRUCTION PER DETAIL ON SHEET 7, TO INCLUDE REINFORCED CONCRETE CURB, BEDDING SAND, AND 7" REINFORCED CONCRETE PAVEMENT BASE, COMPLETE IN PLACE	SY	227	\$148.00	\$33,596.00	\$195.00	\$44,265.00	\$170.00	\$38,590.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2023
 LJA ENGINEERING, INC.
 A. OTTO
 MARCH 10, 2023
 2493-0126 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		GONZALEZ CONSTRUCTION ENTERPRISE, IN		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	ADDITIONAL BRICK PAVER CONSTRUCTION PER DETAIL ON SHEET 7, TO INCLUDE REINFORCED CONCRETE CURB AND BEDDING SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	SY	408	\$148.00	\$60,384.00	\$195.00	\$79,560.00	\$170.00	\$69,360.00
4	3" TYPE "D" HOT MIX ASPHALT, IN ACCORDANCE WITH TXDOT SPEC 340, COMPLETE IN PLACE	SY	351	\$45.00	\$15,795.00	\$47.00	\$16,497.00	\$60.00	\$21,060.00
5	8" BLACK BASE FOR ASPHALT PAVEMENT, COMPLETE IN PLACE	SY	351	\$88.00	\$30,888.00	\$95.00	\$33,345.00	\$60.00	\$21,060.00
6	8" LIME STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	23157	\$2.88	\$66,692.16	\$3.50	\$81,049.50	\$3.15	\$72,944.55
7	HYDRATED LIME FOR 8" STABILIZED SUB-GRADE (60 LBS / SY) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	695	\$298.00	\$207,110.00	\$325.00	\$225,875.00	\$280.00	\$194,600.00
8	PERMANENT TRAFFIC CONTROL DEVICES, (INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING), COMPLETE IN PLACE	LS	1	\$19,800.00	\$19,800.00	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00
9	PERMANENT TRAFFIC CONTROL SIGNS INCLUDING STOP SIGNS, WITH STREET NAMES, DIRECTION SIGNS WITH SUPPLEMENTS, ETC., COMPLETE IN PLACE	EA	44	\$728.00	\$32,032.00	\$930.00	\$40,920.00	\$500.00	\$22,000.00
10	ROADWAY EXCAVATION, TO INCLUDE STRIPPING & PROOFROLLING, COMPLETE IN PLACE	CY	7790	\$1.18	\$9,192.20	\$4.00	\$31,160.00	\$2.00	\$15,580.00
11	ROADWAY, R.O.W. AND RESERVES FILL (IN PLACE) TO INCLUDE STRIPPING & PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS, COMPLETE IN PLACE	CY	7790	\$1.18	\$9,192.20	\$4.00	\$31,160.00	\$2.00	\$15,580.00
12	TYPE III BARRICADE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	10	\$88.00	\$880.00	\$1,300.00	\$13,000.00	\$1,200.00	\$12,000.00
13	REMOVAL OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$0.02	\$0.04	\$200.00	\$400.00	\$1.00	\$2.00
14	5' WIDE TYPE 7 WHEELCHAIR RAMP FOR REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	EA	14	\$1,488.00	\$20,832.00	\$1,350.00	\$18,900.00	\$1,200.00	\$16,800.00
15	7' WIDE TYPE 7 WHEELCHAIR RAMP FOR REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	EA	10	\$1,800.00	\$18,000.00	\$1,850.00	\$18,500.00	\$1,400.00	\$14,000.00
16	5' WIDE MEDIAN ADA RAMPS FOR REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	EA	2	\$1,800.00	\$3,600.00	\$2,100.00	\$4,200.00	\$3,000.00	\$6,000.00
17	PROPOSED PAVING HEADER, COMPLETE IN PLACE	LF	290	\$18.00	\$5,220.00	\$20.00	\$5,800.00	\$15.00	\$4,350.00
18	CONNECT PROPOSED 7" CONCRETE PAVEMENT TO EXISTING PAVEMENT HEADER	EA	1	\$800.00	\$800.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00
19	2' SAW CUT, FULL DEPTH, OF EXISTING HMAC PAVEMENT, INCLUDES REMOVAL AND DISPOSAL OF EXISTING PAVEMENT, COMPLETE IN PLACE	LF	80	\$12.00	\$960.00	\$35.00	\$2,800.00	\$20.00	\$1,600.00
20	HEAVY CLEARING, GRUBBING, AND STRIPPING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.25	\$8,000.00	\$2,000.00	\$9,500.00	\$2,375.00	\$20,000.00	\$5,000.00
21	REMOVE AND DISPOSE OF EXISTING 4' HOG WIRE FENCE AND POSTS, COMPLETE IN PLACE	LF	89	\$0.58	\$51.62	\$17.00	\$1,513.00	\$1.00	\$89.00
22	REMOVE AND DISPOSE OF EXISTING LEFT TURN SIGNS ON LOVE ROAD, COMPLETE IN PLACE	EA	2	\$0.02	\$0.04	\$150.00	\$300.00	\$100.00	\$200.00
23	REMOVE AND DISPOSE OF EXISTING METAL GATE AND FENCE POSTS ON LOVE ROAD, COMPLETE IN PLACE	LS	1	\$8.00	\$8.00	\$300.00	\$300.00	\$800.00	\$800.00
PAVING IMPROVEMENT ITEMS SUBTOTAL:					\$1,522,662.06		\$1,803,739.50		\$1,590,215.55

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2023
 LJA ENGINEERING, INC.
 A. OTTO
 MARCH 10, 2023
 2493-0126 (9.2)

BID OPENING DATE:
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LJA JOB NO.

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		GONZALEZ CONSTRUCTION ENTERPRISE, IN		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
MISCELLANEOUS PAVING ITEMS									
1	CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,800.00	\$1,800.00	\$1,000.00	\$1,000.00
2	6" PVC SLEEVES, SCHEDULE 40, UNDER PROPOSED PAVEMENT, PER DETAIL ON SHEET 39, MEASURED IN PLAN VIEW, COMPLETE IN PLACE	LF	1840	\$32.88	\$60,499.20	\$36.00	\$66,240.00	\$25.00	\$46,000.00
3	FORT BEND COUNTY ROAD BOND, (TOTAL BOND AMOUNT = \$514,801.00)	LS	1	\$5,800.00	\$5,800.00	\$10,722.00	\$10,722.00	\$11,000.00	\$11,000.00
4	FURNISH PERFORMANCE, PAYMENT, AND MAINTENANCE BONDS PER CONTRACT	LS	1	\$102,000.00	\$102,000.00	\$70,120.00	\$70,120.00	\$73,576.45	\$73,576.45
MISCELLANEOUS PAVING ITEMS SUBTOTAL:					\$169,099.20		\$148,882.00		\$131,576.45
ALTERNATE A									
1	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 16" WATERLINE ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	85	\$124.00	\$10,540.00	\$71.28	\$6,058.80	\$68.00	\$5,780.00
2	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 15" SANITARY SEWER ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	80	\$164.00	\$13,120.00	\$106.38	\$8,510.40	\$98.00	\$7,840.00
3	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 60" RCP STORM SEWER ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	84	\$898.00	\$75,432.00	\$670.68	\$56,337.12	\$642.00	\$53,928.00
4	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 8'X4' RCB STORM SEWER ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	53	\$1,800.00	\$95,400.00	\$988.20	\$52,374.60	\$955.00	\$50,615.00
ALTERNATE A SUBTOTAL:					\$194,492.00		\$123,280.92		\$118,163.00
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS					\$561,867.56		\$534,933.50		\$526,733.00
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$546,855.74		\$401,821.34		\$476,933.80
SUBTOTAL STORM SEWER SYSTEM ITEMS					\$2,959,706.20		\$3,038,854.89		\$3,307,343.20
SUBTOTAL MISCELLANEOUS ITEMS – WS&D					\$58,444.88		\$65,202.07		\$63,973.00
SUBTOTAL PAVING IMPROVEMENT ITEMS					\$1,522,662.06		\$1,803,739.50		\$1,590,215.55
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$169,099.20		\$148,882.00		\$131,576.45
TOTAL AMOUNT BASE BID					\$5,818,635.64		\$5,993,433.30		\$6,096,775.00
ALTERNATE A									
TOTAL AMOUNT BASE BID					\$5,818,635.64		\$5,993,433.30		\$6,096,775.00
SUBTOTAL ALTERNATE A					\$194,492.00		\$123,280.92		\$118,163.00
TOTAL AMOUNT INCLUDING ALTERNATE A					\$6,013,127.64		\$6,116,714.22		\$6,214,938.00

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 TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
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ITEM	DESCRIPTION	UNIT	QTY	4) FELLERS AND CLARK LP		5) PRINCIPAL SERVICES, LTD		6) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	248	\$51.25	\$12,710.00	\$40.00	\$9,920.00	\$52.00	\$12,896.00
2	12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	1092	\$70.10	\$76,549.20	\$60.00	\$65,520.00	\$62.00	\$67,704.00
3	16" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	2069	\$115.90	\$239,797.10	\$95.00	\$196,555.00	\$94.00	\$194,486.00
4	8" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	31	\$38.90	\$1,205.90	\$46.00	\$1,426.00	\$65.00	\$2,015.00
5	16" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	83	\$106.40	\$8,831.20	\$149.00	\$12,367.00	\$170.00	\$14,110.00
6	8" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	73	\$46.20	\$3,372.60	\$80.00	\$5,840.00	\$97.00	\$7,081.00
7	12" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	126	\$81.25	\$10,237.50	\$147.00	\$18,522.00	\$160.00	\$20,160.00
8	16" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	427	\$131.10	\$55,979.70	\$271.00	\$115,717.00	\$270.00	\$115,290.00
9	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 12" WATERLINE ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	39	\$44.30	\$1,727.70	\$100.00	\$3,900.00	\$255.00	\$9,945.00
10	ADDITIONAL COST FOR NON-MECHANIZED EXCAVATION FOR WATERLINE CONSTRUCTION WITHIN 36" OF PIPELINE FACILITIES	LS	1	\$4,635.00	\$4,635.00	\$5,000.00	\$5,000.00	\$15,500.00	\$15,500.00
11	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	4025	\$0.10	\$402.50	\$0.00	\$0.00	\$0.05	\$201.25
12	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD, AND FIRE HYDRANT, COMPLETE IN PLACE	EA	9	\$5,630.00	\$50,670.00	\$6,000.00	\$54,000.00	\$6,900.00	\$62,100.00
13	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	6	\$1,790.00	\$10,740.00	\$1,700.00	\$10,200.00	\$1,900.00	\$11,400.00
14	12" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	5	\$3,440.00	\$17,200.00	\$3,200.00	\$16,000.00	\$3,350.00	\$16,750.00
15	16" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	5	\$6,965.00	\$34,825.00	\$9,000.00	\$45,000.00	\$7,300.00	\$36,500.00
16	8" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	5	\$515.00	\$2,575.00	\$1,600.00	\$8,000.00	\$1,200.00	\$6,000.00
17	12" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	2	\$515.00	\$1,030.00	\$1,700.00	\$3,400.00	\$1,300.00	\$2,600.00
18	16" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$515.00	\$515.00	\$2,000.00	\$2,000.00	\$1,650.00	\$1,650.00
19	REMOVE AND DISPOSE OF EXISTING PLUG AND CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE AND BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, TO INCLUDE ALL NECESSARY ADAPTERS AND CONNECTORS AND DISINFECTION OF EXISTING WATER LINE AS NEEDED, COMPLETE IN PLACE	EA	1	\$260.00	\$260.00	\$1,300.00	\$1,300.00	\$1,200.00	\$1,200.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2023
 LJA ENGINEERING, INC.
 A. OTTO
 MARCH 10, 2023
 2493-0126 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) FELLERS AND CLARK LP		5) PRINCIPAL SERVICES, LTD		6) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1421	\$3.54	\$5,030.34	\$1.00	\$1,421.00	\$1.00	\$1,421.00
21	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
WATER ITEMS SUBTOTAL:					\$539,293.74		\$577,088.00		\$600,009.25
SANITARY SEWER SYSTEM ITEMS									
1	8" PVC SEWER PIPE, 0' – 12' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	161	\$82.10	\$13,218.10	\$50.00	\$8,050.00	\$34.00	\$5,474.00
2	8" PVC SEWER PIPE, 12' – 16' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	330	\$82.10	\$27,093.00	\$55.00	\$18,150.00	\$36.00	\$11,880.00
3	12" PVC SEWER PIPE, 12' – 16' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	492	\$99.55	\$48,978.60	\$70.00	\$34,440.00	\$56.00	\$27,552.00
4	15" PVC SEWER PIPE, 12' – 16' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	830	\$123.55	\$102,546.50	\$90.00	\$74,700.00	\$75.00	\$62,250.00
5	15" PVC SEWER PIPE, 16' – 20' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1076	\$123.55	\$132,939.80	\$110.00	\$118,360.00	\$83.00	\$89,308.00
6	15" PVC SEWER PIPE, 20' – 24' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	410	\$123.55	\$50,655.50	\$120.00	\$49,200.00	\$120.00	\$49,200.00
7	18" PVC SEWER PIPE, 20' – 24' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	14	\$204.80	\$2,867.20	\$155.00	\$2,170.00	\$140.00	\$1,960.00
8	10" PVC FORCE MAIN, AWWA C-900, DR-18, ALL DEPTHS, INCLUDES FITTINGS, COMPLETE IN PLACE	LF	1034	\$53.55	\$55,370.70	\$62.00	\$64,108.00	\$50.00	\$51,700.00
9	ADDITIONAL COST FOR NON-MECHANIZED EXCAVATION FOR SANITARY CONSTRUCTION WITHIN 36" OF PIPELINE FACILITIES	LS	1	\$7,210.00	\$7,210.00	\$3,000.00	\$3,000.00	\$15,500.00	\$15,500.00
10	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 10" FORCEMAIN, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	255	\$42.25	\$10,773.75	\$50.00	\$12,750.00	\$80.00	\$20,400.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4012	\$0.10	\$401.20	\$0.00	\$0.00	\$0.05	\$200.60
12	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0' – 8' DEPTH), TO INCLUDE INFLOW PROTECTOR AND FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	17	\$2,940.00	\$49,980.00	\$4,000.00	\$68,000.00	\$3,400.00	\$57,800.00
13	EXTRA DEPTH OF SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	159	\$118.45	\$18,833.55	\$200.00	\$31,800.00	\$175.00	\$27,825.00
14	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1003	\$25.00	\$25,075.00	\$25.00	\$25,075.00	\$25.00	\$25,075.00
15	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1003	\$15.00	\$15,045.00	\$15.00	\$15,045.00	\$15.00	\$15,045.00
16	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
17	INSTALL 8" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	2	\$51.50	\$103.00	\$50.00	\$100.00	\$42.00	\$84.00
18	INSTALL 12" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$180.25	\$180.25	\$150.00	\$150.00	\$140.00	\$140.00

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 TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2023
 LJA ENGINEERING, INC.
 A. OTTO
 MARCH 10, 2023
 2493-0126 (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	4) FELLERS AND CLARK LP		5) PRINCIPAL SERVICES, LTD		6) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19	REMOVE 18" SANITARY SEWER PLUG AND CONNECT PROPOSED 18" SANITARY SEWER TO EXISTING 18" SANITARY SEWER STUB, COMPLETE IN PLACE	EA	1	\$360.50	\$360.50	\$600.00	\$600.00	\$1,430.00	\$1,430.00
20	REMOVE EXISTING 10" FORCE MAIN PLUG AND CLAMP AND CONNECT PROPOSED 10" FORCE MAIN, COMPLETE IN PLACE	EA	4	\$154.50	\$618.00	\$900.00	\$3,600.00	\$1,025.00	\$4,100.00
21	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$669.50	\$1,339.00	\$600.00	\$1,200.00	\$460.00	\$920.00
22	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1031	\$3.54	\$3,649.74	\$1.00	\$1,031.00	\$1.00	\$1,031.00
SANITARY SEWER SYSTEM ITEMS SUBTOTAL:					\$568,238.39		\$532,529.00		\$469,874.60
STORM SEWER SYSTEM ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1931	\$76.45	\$147,624.95	\$97.00	\$187,307.00	\$78.00	\$150,618.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	631	\$101.85	\$64,267.35	\$105.00	\$66,255.00	\$104.00	\$65,624.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	383	\$128.30	\$49,138.90	\$152.00	\$58,216.00	\$141.00	\$54,003.00
4	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	278	\$169.50	\$47,121.00	\$201.00	\$55,878.00	\$195.00	\$54,210.00
5	48" RCP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	140	\$199.70	\$27,958.00	\$236.00	\$33,040.00	\$232.00	\$32,480.00
6	60" RCP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	986	\$335.70	\$331,000.20	\$407.00	\$401,302.00	\$413.00	\$407,218.00
7	60" CMP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	84	\$232.25	\$19,509.00	\$271.00	\$22,764.00	\$219.00	\$18,396.00
8	4' X 2' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	58	\$324.45	\$18,818.10	\$306.00	\$17,748.00	\$295.00	\$17,110.00
9	6' X 6' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	75	\$611.30	\$45,847.50	\$683.00	\$51,225.00	\$665.00	\$49,875.00
10	8' X 4' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	53	\$713.00	\$37,789.00	\$774.00	\$41,022.00	\$755.00	\$40,015.00
11	9' X 5' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	339	\$862.00	\$292,218.00	\$1,000.00	\$339,000.00	\$985.00	\$333,915.00
12	10' X 5' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	152	\$1,013.75	\$154,090.00	\$1,162.00	\$176,624.00	\$1,140.00	\$173,280.00
13	10' X 8' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1148	\$1,185.90	\$1,361,413.20	\$1,356.00	\$1,556,688.00	\$1,330.00	\$1,526,840.00
14	STAGE I – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	20	\$990.00	\$19,800.00	\$1,179.00	\$23,580.00	\$1,350.00	\$27,000.00
15	STAGE II – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	20	\$2,170.00	\$43,400.00	\$1,651.00	\$33,020.00	\$2,200.00	\$44,000.00
16	STAGE I – 15' (TYPE "C-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	4	\$1,140.00	\$4,560.00	\$1,231.00	\$4,924.00	\$1,610.00	\$6,440.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	STAGE II – 15' (TYPE "C-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	4	\$3,225.00	\$12,900.00	\$2,400.00	\$9,600.00	\$2,800.00	\$11,200.00
18	STAGE I – 20' (MODIFIED TYPE "C") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$1,500.00	\$9,000.00	\$1,500.00	\$9,000.00	\$1,700.00	\$10,200.00
19	STAGE I – 20' (MODIFIED TYPE "C") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$5,050.00	\$30,300.00	\$3,000.00	\$18,000.00	\$2,815.00	\$16,890.00
20	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	9	\$2,240.00	\$20,160.00	\$2,500.00	\$22,500.00	\$2,450.00	\$22,050.00
21	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	15	\$8,150.00	\$122,250.00	\$3,800.00	\$57,000.00	\$5,200.00	\$78,000.00
22	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER WITH E-INLET TOP, ALL SIDES OPEN, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	1	\$3,195.00	\$3,195.00	\$2,600.00	\$2,600.00	\$3,200.00	\$3,200.00
23	PRECAST OR CAST IN PLACE REINFORCED CONCRETE BOX TOP MANHOLE FOR RCB STORM SEWER, ALL DEPTHS & SIZES, COMPLETE IN PLACE	EA	4	\$2,215.00	\$8,860.00	\$1,600.00	\$6,400.00	\$2,270.00	\$9,080.00
24	PRECAST OR CAST IN PLACE REINFORCED CONCRETE BOX TOP MANHOLE WITH TYPE E-INLET, ALL SIDES OPEN FOR RCB STORM SEWER, ALL DEPTHS & SIZES, COMPLETE IN PLACE	EA	1	\$3,090.00	\$3,090.00	\$2,400.00	\$2,400.00	\$4,100.00	\$4,100.00
25	JUNCTION BOX, WITH TYPE "C" MANHOLE TOP, ALL DEPTHS & SIZES, INCLUDING FINAL ADJUSTMENT, AS REQUIRED, COMPLETE IN PLACE	EA	4	\$42,745.00	\$170,980.00	\$22,000.00	\$88,000.00	\$19,700.00	\$78,800.00
26	JUNCTION BOX, WITH TYPE "E" INLET TOP, ALL DEPTHS & SIZES, INCLUDING FINAL ADJUSTMENT, AS REQUIRED, COMPLETE IN PLACE	EA	1	\$27,295.00	\$27,295.00	\$23,000.00	\$23,000.00	\$21,300.00	\$21,300.00
27	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6387	\$0.10	\$638.70	\$0.00	\$0.00	\$0.05	\$319.35
28	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1597	\$20.00	\$31,940.00	\$20.00	\$31,940.00	\$20.00	\$31,940.00
29	ADDITIONAL COST FOR NON-MECHANIZED EXCAVATION FOR STORM SEWER CONSTRUCTION WITHIN 36" OF PIPELINE FACILITIES, COMPLETE IN PLACE	LS	1	\$15,450.00	\$15,450.00	\$5,000.00	\$5,000.00	\$34,000.00	\$34,000.00
30	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1597	\$25.00	\$39,925.00	\$25.00	\$39,925.00	\$25.00	\$39,925.00
31	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	6324	\$3.54	\$22,386.96	\$1.00	\$6,324.00	\$1.00	\$6,324.00
32	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
33	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE, ALL DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$50.00	\$5,000.00	\$50.00	\$5,000.00	\$50.00	\$5,000.00
34	SHALLOW "V" BOTTOM GRASS-LINED SWALE, MAXIMUM 3:1 SIDE SLOPE, VARYING % SLOPE, TO INCLUDE THE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE IN PLACE	LF	138	\$5.70	\$786.60	\$4.00	\$552.00	\$3.00	\$414.00
35	4" REINFORCED CONCRETE SLOPE PAVING, WITH 18" TOE WALL, COMPLETE IN PLACE	SY	723	\$97.85	\$70,745.55	\$105.00	\$75,915.00	\$85.00	\$61,455.00
36	8" BRICK PLUG, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	4	\$1,700.00	\$6,800.00	\$250.00	\$1,000.00	\$560.00	\$2,240.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
37	TIMBER BENT, INSTALLED PER DETAIL, COMPLETE IN PLACE	EA	1	\$1,235.00	\$1,235.00	\$1,500.00	\$1,500.00	\$2,700.00	\$2,700.00
38	4:1 SAFETY END TREATMENT FOR 30" STORM SEWER, TYPE II, CROSS DRAINAGE, INSTALLED PER DETAIL, EXCLUDING PIPE RUNNER AND CROSS-PIPE, COMPLETE IN PLACE	EA	1	\$1,750.00	\$1,750.00	\$2,500.00	\$2,500.00	\$3,900.00	\$3,900.00
39	4:1 SAFETY END TREATMENT FOR 4'X2' BOX CULVERT TREATMENT, TYPE II, CROSS DRAINAGE, INSTALLED PER DETAIL, EXCLUDING PIPE RUNNER AND CROSS-PIPE, COMPLETE IN PLACE	EA	1	\$4,120.00	\$4,120.00	\$4,000.00	\$4,000.00	\$6,900.00	\$6,900.00
40	REMOVE AND DISPOSE OF EXISTING 30" RCP CULVERT UNDER LOVE ROAD, TO INCLUDE TEMPORARY TRAFFIC CONTROL AND ANY APPURTENANCES NECESSARY TO MAINTAIN TRAFFIC ACCESS, AND PROPOSED ASPHALT PAVEMENT AND BASE TO RESTORE LOVE ROAD TO EXISTING CONDITIONS, COMPLETE IN PLACE	LS	1	\$7,725.00	\$7,725.00	\$1,000.00	\$1,000.00	\$900.00	\$900.00
41	CONSTRUCTION OF TEMPORARY COFFER DAM FOR THE CONSTRUCTION OF STORM SEWER OUTFALL INTO BESSIE'S CREEK AND PONDS, INCLUDES DEWATERING AND ALL APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,575.00	\$10,300.00	\$100.00	\$400.00	\$5,800.00	\$23,200.00
STORM SEWER SYSTEM ITEMS SUBTOTAL:					\$3,293,388.01		\$3,484,149.00		\$3,477,061.35
MISCELLANEOUS ITEMS – WS&D									
1	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE ALONG BACK OF CURB (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	15636	\$1.25	\$19,545.00	\$1.25	\$19,545.00	\$1.25	\$19,545.00
2	STAGE II INLET PROTECTION BARRIER (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	34	\$10.30	\$350.20	\$10.00	\$340.00	\$25.00	\$850.00
3	INSTALLATION, MAINTENANCE, AND REMOVAL OF TYPE III ROCK FILTER DAM, COMPLETE IN PLACE	EA	1	\$1,545.00	\$1,545.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
4	STABILIZED CONSTRUCTION EXIT, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,545.00	\$1,545.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
5	HYDRO-MULCH SEEDING, INCLUDES WATERING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	5	\$1,200.00	\$6,000.00	\$1,200.00	\$6,000.00	\$1,200.00	\$6,000.00
6	AIR BRIDGE FOR PIPELINE CROSSINGS, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, NUMBER OF CROSSINGS TO BE DETERMINED BY CONTRACTOR, COMPLETE IN PLACE	LS	1	\$7,725.00	\$7,725.00	\$1,000.00	\$1,000.00	\$27,000.00	\$27,000.00
7	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE. INSPECTIONS, MAINTENANCE OF ENTRANCE AND FENCE, NOI, NOT AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE	LS	1	\$1,800.00	\$1,800.00	\$100.00	\$100.00	\$1,000.00	\$1,000.00
8	CITY OF FULSHEAR INSPECTION FEE (0.75% TOTAL CONSTRUCTION COST OF WS&D FACILITIES)	LS	1	\$34,610.00	\$34,610.00	\$35,056.11	\$35,056.11	\$35,000.00	\$35,000.00
MISCELLANEOUS ITEMS – WS&D SUBTOTAL:					\$73,120.20		\$64,541.11		\$91,395.00
PAVING IMPROVEMENT ITEMS									
1	7" REINFORCED CONCRETE PAVEMENT, INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	19760	\$56.86	\$1,123,553.60	\$57.00	\$1,126,320.00	\$55.00	\$1,086,800.00
2	BRICK PAVER CONSTRUCTION PER DETAIL ON SHEET 7, TO INCLUDE REINFORCED CONCRETE CURB, BEDDING SAND, AND 7" REINFORCED CONCRETE PAVEMENT BASE, COMPLETE IN PLACE	SY	227	\$143.42	\$32,556.34	\$110.00	\$24,970.00	\$143.00	\$32,461.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2023
 LJA ENGINEERING, INC.
 A. OTTO
 MARCH 10, 2023
 2493-0126 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) FELLERS AND CLARK LP		5) PRINCIPAL SERVICES, LTD		6) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	ADDITIONAL BRICK PAVER CONSTRUCTION PER DETAIL ON SHEET 7, TO INCLUDE REINFORCED CONCRETE CURB AND BEDDING SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	SY	408	\$143.42	\$58,515.36	\$110.00	\$44,880.00	\$143.00	\$58,344.00
4	3" TYPE "D" HOT MIX ASPHALT, IN ACCORDANCE WITH TXDOT SPEC 340, COMPLETE IN PLACE	SY	351	\$43.45	\$15,250.95	\$35.00	\$12,285.00	\$46.00	\$16,146.00
5	8" BLACK BASE FOR ASPHALT PAVEMENT, COMPLETE IN PLACE	SY	351	\$92.70	\$32,537.70	\$90.00	\$31,590.00	\$75.00	\$26,325.00
6	8" LIME STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	23157	\$2.53	\$58,587.21	\$3.70	\$85,680.90	\$4.00	\$92,628.00
7	HYDRATED LIME FOR 8" STABILIZED SUB-GRADE (60 LBS / SY) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	695	\$277.75	\$193,036.25	\$300.00	\$208,500.00	\$265.00	\$184,175.00
8	PERMANENT TRAFFIC CONTROL DEVICES, (INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING), COMPLETE IN PLACE	LS	1	\$16,060.00	\$16,060.00	\$12,500.00	\$12,500.00	\$19,000.00	\$19,000.00
9	PERMANENT TRAFFIC CONTROL SIGNS INCLUDING STOP SIGNS, WITH STREET NAMES, DIRECTION SIGNS WITH SUPPLEMENTS, ETC., COMPLETE IN PLACE	EA	44	\$535.00	\$23,540.00	\$600.00	\$26,400.00	\$720.00	\$31,680.00
10	ROADWAY EXCAVATION, TO INCLUDE STRIPPING & PROOFROLLING, COMPLETE IN PLACE	CY	7790	\$2.58	\$20,098.20	\$3.05	\$23,759.50	\$1.75	\$13,632.50
11	ROADWAY, R.O.W. AND RESERVES FILL (IN PLACE) TO INCLUDE STRIPPING & PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS, COMPLETE IN PLACE	CY	7790	\$2.58	\$20,098.20	\$3.00	\$23,370.00	\$1.75	\$13,632.50
12	TYPE III BARRICADE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	10	\$1,310.00	\$13,100.00	\$950.00	\$9,500.00	\$1,000.00	\$10,000.00
13	REMOVAL OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$35.00	\$70.00	\$100.00	\$200.00	\$1.00	\$2.00
14	5' WIDE TYPE 7 WHEELCHAIR RAMP FOR REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	EA	14	\$1,260.00	\$17,640.00	\$1,500.00	\$21,000.00	\$1,560.00	\$21,840.00
15	7' WIDE TYPE 7 WHEELCHAIR RAMP FOR REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	EA	10	\$1,665.00	\$16,650.00	\$1,750.00	\$17,500.00	\$1,560.00	\$15,600.00
16	5' WIDE MEDIAN ADA RAMPS FOR REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	EA	2	\$2,930.00	\$5,860.00	\$1,500.00	\$3,000.00	\$1,560.00	\$3,120.00
17	PROPOSED PAVING HEADER, COMPLETE IN PLACE	LF	290	\$20.20	\$5,858.00	\$15.00	\$4,350.00	\$23.00	\$6,670.00
18	CONNECT PROPOSED 7" CONCRETE PAVEMENT TO EXISTING PAVEMENT HEADER	EA	1	\$455.00	\$455.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
19	2' SAW CUT, FULL DEPTH, OF EXISTING HMAC PAVEMENT, INCLUDES REMOVAL AND DISPOSAL OF EXISTING PAVEMENT, COMPLETE IN PLACE	LF	80	\$16.70	\$1,336.00	\$25.00	\$2,000.00	\$38.00	\$3,040.00
20	HEAVY CLEARING, GRUBBING, AND STRIPPING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.25	\$16,160.00	\$4,040.00	\$14,000.00	\$3,500.00	\$59,600.00	\$14,900.00
21	REMOVE AND DISPOSE OF EXISTING 4' HOG WIRE FENCE AND POSTS, COMPLETE IN PLACE	LF	89	\$2.00	\$178.00	\$3.00	\$267.00	\$4.50	\$400.50
22	REMOVE AND DISPOSE OF EXISTING LEFT TURN SIGNS ON LOVE ROAD, COMPLETE IN PLACE	EA	2	\$65.65	\$131.30	\$20.00	\$40.00	\$130.00	\$260.00
23	REMOVE AND DISPOSE OF EXISTING METAL GATE AND FENCE POSTS ON LOVE ROAD, COMPLETE IN PLACE	LS	1	\$380.00	\$380.00	\$700.00	\$700.00	\$2,050.00	\$2,050.00
PAVING IMPROVEMENT ITEMS SUBTOTAL:					\$1,659,532.11		\$1,683,312.40		\$1,653,706.50

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 TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2023
 LJA ENGINEERING, INC.
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ITEM	DESCRIPTION	UNIT	QTY	4) FELLERS AND CLARK LP		5) PRINCIPAL SERVICES, LTD		6) R CONSTRUCTION CIVIL, LLC		
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
MISCELLANEOUS PAVING ITEMS										
1	CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,565.00	\$1,565.00	\$500.00	\$500.00	\$500.00	\$500.00	
2	6" PVC SLEEVES, SCHEDULE 40, UNDER PROPOSED PAVEMENT, PER DETAIL ON SHEET 39, MEASURED IN PLAN VIEW, COMPLETE IN PLACE	LF	1840	\$32.30	\$59,432.00	\$31.00	\$57,040.00	\$40.00	\$73,600.00	
3	FORT BEND COUNTY ROAD BOND, (TOTAL BOND AMOUNT = \$514,801.00)	LS	1	\$8,845.55	\$8,845.55	\$11,500.00	\$11,500.00	\$11,000.00	\$11,000.00	
4	FURNISH PERFORMANCE, PAYMENT, AND MAINTENANCE BONDS PER CONTRACT	LS	1	\$57,585.00	\$57,585.00	\$54,104.30	\$54,104.30	\$190,000.00	\$190,000.00	
MISCELLANEOUS PAVING ITEMS SUBTOTAL:					\$127,427.55	\$123,144.30	\$123,144.30	\$275,100.00	\$275,100.00	
ALTERNATE A										
1	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 16" WATERLINE ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	85	\$50.50	\$4,292.50	\$170.00	\$14,450.00	\$320.00	\$27,200.00	
2	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 15" SANITARY SEWER ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	80	\$89.60	\$7,168.00	\$234.00	\$18,720.00	\$300.00	\$24,000.00	
3	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 60" RCP STORM SEWER ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	84	\$818.85	\$68,783.40	\$1,216.00	\$102,144.00	\$860.00	\$72,240.00	
4	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 8'X4' RCB STORM SEWER ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	53	\$1,102.10	\$58,411.30	\$1,780.00	\$94,340.00	\$1,100.00	\$58,300.00	
ALTERNATE A SUBTOTAL:					\$138,655.20	\$229,654.00	\$229,654.00	\$181,740.00	\$181,740.00	
BIDDING SUMMARY										
SUBTOTAL WATER ITEMS					\$539,293.74	\$577,088.00	\$577,088.00	\$600,009.25	\$600,009.25	
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$568,238.39	\$532,529.00	\$532,529.00	\$469,874.60	\$469,874.60	
SUBTOTAL STORM SEWER SYSTEM ITEMS					\$3,293,388.01	\$3,484,149.00	\$3,484,149.00	\$3,477,061.35	\$3,477,061.35	
SUBTOTAL MISCELLANEOUS ITEMS – WS&D					\$73,120.20	\$64,541.11	\$64,541.11	\$91,395.00	\$91,395.00	
SUBTOTAL PAVING IMPROVEMENT ITEMS					\$1,659,532.11	\$1,683,312.40	\$1,683,312.40	\$1,653,706.50	\$1,653,706.50	
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$127,427.55	\$123,144.30	\$123,144.30	\$275,100.00	\$275,100.00	
TOTAL AMOUNT BASE BID					\$6,261,000.00	\$6,464,763.81	\$6,464,763.81	\$6,567,146.70	\$6,567,146.70	
ALTERNATE A										
TOTAL AMOUNT BASE BID					\$6,261,000.00	\$6,464,763.81	\$6,464,763.81	\$6,567,146.70	\$6,567,146.70	
SUBTOTAL ALTERNATE A					\$138,655.20	\$229,654.00	\$229,654.00	\$181,740.00	\$181,740.00	
TOTAL AMOUNT INCLUDING ALTERNATE A					\$6,399,655.20	\$6,694,417.81	\$6,694,417.81	\$6,748,886.70	\$6,748,886.70	

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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
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 LJA ENGINEERING, INC.
 A. OTTO
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LJA JOB NO.

7) HCG, LLC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER ITEMS					
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	248	\$50.00	\$12,400.00
2	12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	1092	\$75.00	\$81,900.00
3	16" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	2069	\$107.00	\$221,383.00
4	8" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	31	\$55.00	\$1,705.00
5	16" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	83	\$156.00	\$12,948.00
6	8" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	73	\$94.00	\$6,862.00
7	12" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	126	\$164.00	\$20,664.00
8	16" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	427	\$290.00	\$123,830.00
9	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 12" WATERLINE ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	39	\$100.00	\$3,900.00
10	ADDITIONAL COST FOR NON-MECHANIZED EXCAVATION FOR WATERLINE CONSTRUCTION WITHIN 36" OF PIPELINE FACILITIES	LS	1	\$60,000.00	\$60,000.00
11	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	4025	\$1.00	\$4,025.00
12	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD, AND FIRE HYDRANT, COMPLETE IN PLACE	EA	9	\$8,500.00	\$76,500.00
13	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	6	\$1,900.00	\$11,400.00
14	12" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	5	\$3,500.00	\$17,500.00
15	16" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	5	\$6,900.00	\$34,500.00
16	8" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	5	\$1,300.00	\$6,500.00
17	12" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	2	\$1,460.00	\$2,920.00
18	16" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$1,900.00	\$1,900.00
19	REMOVE AND DISPOSE OF EXISTING PLUG AND CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE AND BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, TO INCLUDE ALL NECESSARY ADAPTERS AND CONNECTORS AND DISINFECTION OF EXISTING WATER LINE AS NEEDED, COMPLETE IN PLACE	EA	1	\$1,400.00	\$1,400.00

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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
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7) HCG, LLC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
20	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1421	\$10.00	\$14,210.00
21	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$11,500.00	\$11,500.00

WATER ITEMS SUBTOTAL:

\$727,947.00

SANITARY SEWER SYSTEM ITEMS

1	8" PVC SEWER PIPE, 0' – 12' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	161	\$46.00	\$7,406.00
2	8" PVC SEWER PIPE, 12' – 16' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	330	\$54.00	\$17,820.00
3	12" PVC SEWER PIPE, 12' – 16' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	492	\$81.00	\$39,852.00
4	15" PVC SEWER PIPE, 12' – 16' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	830	\$106.00	\$87,980.00
5	15" PVC SEWER PIPE, 16' – 20' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1076	\$112.00	\$120,512.00
6	15" PVC SEWER PIPE, 20' – 24' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	410	\$146.00	\$59,860.00
7	18" PVC SEWER PIPE, 20' – 24' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	14	\$204.00	\$2,856.00
8	10" PVC FORCE MAIN, AWWA C-900, DR-18, ALL DEPTHS, INCLUDES FITTINGS, COMPLETE IN PLACE	LF	1034	\$75.00	\$77,550.00
9	ADDITIONAL COST FOR NON-MECHANIZED EXCAVATION FOR SANITARY CONSTRUCTION WITHIN 36" OF PIPELINE FACILITIES	LS	1	\$60,000.00	\$60,000.00
10	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 10" FORCEMAIN, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	255	\$210.00	\$53,550.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4012	\$1.00	\$4,012.00
12	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0' – 8' DEPTH), TO INCLUDE INFLOW PROTECTOR AND FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	17	\$4,000.00	\$68,000.00
13	EXTRA DEPTH OF SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	159	\$215.00	\$34,185.00
14	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1003	\$62.00	\$62,186.00
15	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1003	\$42.00	\$42,126.00
16	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$36.00	\$1,800.00
17	INSTALL 8" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	2	\$400.00	\$800.00
18	INSTALL 12" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00

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7) HCG, LLC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
19	REMOVE 18" SANITARY SEWER PLUG AND CONNECT PROPOSED 18" SANITARY SEWER TO EXISTING 18" SANITARY SEWER STUB, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00
20	REMOVE EXISTING 10" FORCE MAIN PLUG AND CLAMP AND CONNECT PROPOSED 10" FORCE MAIN, COMPLETE IN PLACE	EA	4	\$3,000.00	\$12,000.00
21	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00
22	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1031	\$8.00	\$8,248.00

SANITARY SEWER SYSTEM ITEMS SUBTOTAL:

\$769,243.00

STORM SEWER SYSTEM ITEMS

1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1931	\$95.00	\$183,445.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	631	\$144.00	\$90,864.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	383	\$172.00	\$65,876.00
4	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	278	\$217.00	\$60,326.00
5	48" RCP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	140	\$254.00	\$35,560.00
6	60" RCP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	986	\$385.00	\$379,610.00
7	60" CMP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	84	\$258.00	\$21,672.00
8	4' X 2' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	58	\$400.00	\$23,200.00
9	6' X 6' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	75	\$730.00	\$54,750.00
10	8' X 4' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	53	\$825.00	\$43,725.00
11	9' X 5' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	339	\$975.00	\$330,525.00
12	10' X 5' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	152	\$1,100.00	\$167,200.00
13	10' X 8' REINFORCED CONCRETE BOX (ASTM C-1433), ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1148	\$1,340.00	\$1,538,320.00
14	STAGE I – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	20	\$2,100.00	\$42,000.00
15	STAGE II – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	20	\$2,300.00	\$46,000.00
16	STAGE I – 15' (TYPE "C-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	4	\$3,600.00	\$14,400.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2023
 LJA ENGINEERING, INC.
 A. OTTO
 MARCH 10, 2023
 2493-0126 (9.2)

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

7) HCG, LLC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
17	STAGE II – 15' (TYPE "C-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	4	\$3,700.00	\$14,800.00
18	STAGE I – 20' (MODIFIED TYPE "C") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$5,300.00	\$31,800.00
19	STAGE I – 20' (MODIFIED TYPE "C") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$5,700.00	\$34,200.00
20	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	9	\$4,000.00	\$36,000.00
21	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	15	\$14,200.00	\$213,000.00
22	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER WITH E-INLET TOP, ALL SIDES OPEN, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00
23	PRECAST OR CAST IN PLACE REINFORCED CONCRETE BOX TOP MANHOLE FOR RCB STORM SEWER, ALL DEPTHS & SIZES, COMPLETE IN PLACE	EA	4	\$3,000.00	\$12,000.00
24	PRECAST OR CAST IN PLACE REINFORCED CONCRETE BOX TOP MANHOLE WITH TYPE E-INLET, ALL SIDES OPEN FOR RCB STORM SEWER, ALL DEPTHS & SIZES, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00
25	JUNCTION BOX, WITH TYPE "C" MANHOLE TOP, ALL DEPTHS & SIZES, INCLUDING FINAL ADJUSTMENT, AS REQUIRED, COMPLETE IN PLACE	EA	4	\$9,500.00	\$38,000.00
26	JUNCTION BOX, WITH TYPE "E" INLET TOP, ALL DEPTHS & SIZES, INCLUDING FINAL ADJUSTMENT, AS REQUIRED, COMPLETE IN PLACE	EA	1	\$6,800.00	\$6,800.00
27	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6387	\$1.00	\$6,387.00
28	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1597	\$51.00	\$81,447.00
29	ADDITIONAL COST FOR NON-MECHANIZED EXCAVATION FOR STORM SEWER CONSTRUCTION WITHIN 36" OF PIPELINE FACILITIES, COMPLETE IN PLACE	LS	1	\$60,000.00	\$60,000.00
30	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1597	\$60.00	\$95,820.00
31	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	6324	\$10.00	\$63,240.00
32	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$35.00	\$3,500.00
33	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE, ALL DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$600.00	\$60,000.00
34	SHALLOW "V" BOTTOM GRASS-LINED SWALE, MAXIMUM 3:1 SIDE SLOPE, VARYING % SLOPE, TO INCLUDE THE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE IN PLACE	LF	138	\$8.00	\$1,104.00
35	4" REINFORCED CONCRETE SLOPE PAVING, WITH 18" TOE WALL, COMPLETE IN PLACE	SY	723	\$250.00	\$180,750.00
36	8" BRICK PLUG, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	4	\$1,400.00	\$5,600.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2023
 LJA ENGINEERING, INC.
 A. OTTO
 MARCH 10, 2023
 2493-0126 (9.2)

BID OPENING DATE:
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7) HCG, LLC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
37	TIMBER BENT, INSTALLED PER DETAIL, COMPLETE IN PLACE	EA	1	\$5,500.00	\$5,500.00
38	4:1 SAFETY END TREATMENT FOR 30" STORM SEWER, TYPE II, CROSS DRAINAGE, INSTALLED PER DETAIL, EXCLUDING PIPE RUNNER AND CROSS-PIPE, COMPLETE IN PLACE	EA	1	\$2,300.00	\$2,300.00
39	4:1 SAFETY END TREATMENT FOR 4'X2' BOX CULVERT TREATMENT, TYPE II, CROSS DRAINAGE, INSTALLED PER DETAIL, EXCLUDING PIPE RUNNER AND CROSS-PIPE, COMPLETE IN PLACE	EA	1	\$9,500.00	\$9,500.00
40	REMOVE AND DISPOSE OF EXISTING 30" RCP CULVERT UNDER LOVE ROAD, TO INCLUDE TEMPORARY TRAFFIC CONTROL AND ANY APPURTENANCES NECESSARY TO MAINTAIN TRAFFIC ACCESS, AND PROPOSED ASPHALT PAVEMENT AND BASE TO RESTORE LOVE ROAD TO EXISTING CONDITIONS, COMPLETE IN PLACE	LS	1	\$6,000.00	\$6,000.00
41	CONSTRUCTION OF TEMPORARY COFFER DAM FOR THE CONSTRUCTION OF STORM SEWER OUTFALL INTO BESSIE'S CREEK AND PONDS, INCLUDES DEWATERING AND ALL APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$28,000.00	\$112,000.00

STORM SEWER SYSTEM ITEMS SUBTOTAL: \$4,188,221.00

MISCELLANEOUS ITEMS – WS&D

1	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE ALONG BACK OF CURB (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	15636	\$3.00	\$46,908.00
2	STAGE II INLET PROTECTION BARRIER (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	34	\$75.00	\$2,550.00
3	INSTALLATION, MAINTENANCE, AND REMOVAL OF TYPE III ROCK FILTER DAM, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00
4	STABILIZED CONSTRUCTION EXIT, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00
5	HYDRO-MULCH SEEDING, INCLUDES WATERING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	5	\$2,300.00	\$11,500.00
6	AIR BRIDGE FOR PIPELINE CROSSINGS, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, NUMBER OF CROSSINGS TO BE DETERMINED BY CONTRACTOR, COMPLETE IN PLACE	LS	1	\$60,000.00	\$60,000.00
7	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE. INSPECTIONS, MAINTENANCE OF ENTRANCE AND FENCE, NOI, NOT AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00
8	CITY OF FULSHEAR INSPECTION FEE (0.75% TOTAL CONSTRUCTION COST OF WS&D FACILITIES)	LS	1	\$42,650.00	\$42,650.00

MISCELLANEOUS ITEMS – WS&D SUBTOTAL: \$177,408.00

PAVING IMPROVEMENT ITEMS

1	7" REINFORCED CONCRETE PAVEMENT, INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	19760	\$62.00	\$1,225,120.00
2	BRICK PAVER CONSTRUCTION PER DETAIL ON SHEET 7, TO INCLUDE REINFORCED CONCRETE CURB, BEDDING SAND, AND 7" REINFORCED CONCRETE PAVEMENT BASE, COMPLETE IN PLACE	SY	227	\$62.00	\$14,074.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 10, 2023
 LJA ENGINEERING, INC.
 A. OTTO
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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
3	ADDITIONAL BRICK PAVER CONSTRUCTION PER DETAIL ON SHEET 7, TO INCLUDE REINFORCED CONCRETE CURB AND BEDDING SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	SY	408	\$69.00	\$28,152.00
4	3" TYPE "D" HOT MIX ASPHALT, IN ACCORDANCE WITH TXDOT SPEC 340, COMPLETE IN PLACE	SY	351	\$52.00	\$18,252.00
5	8" BLACK BASE FOR ASPHALT PAVEMENT, COMPLETE IN PLACE	SY	351	\$83.00	\$29,133.00
6	8" LIME STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	23157	\$5.00	\$115,785.00
7	HYDRATED LIME FOR 8" STABILIZED SUB-GRADE (60 LBS / SY) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	695	\$267.00	\$185,565.00
8	PERMANENT TRAFFIC CONTROL DEVICES, (INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING), COMPLETE IN PLACE	LS	1	\$28,000.00	\$28,000.00
9	PERMANENT TRAFFIC CONTROL SIGNS INCLUDING STOP SIGNS, WITH STREET NAMES, DIRECTION SIGNS WITH SUPPLEMENTS, ETC., COMPLETE IN PLACE	EA	44	\$800.00	\$35,200.00
10	ROADWAY EXCAVATION, TO INCLUDE STRIPPING & PROOFROLLING, COMPLETE IN PLACE	CY	7790	\$7.00	\$54,530.00
11	ROADWAY, R.O.W. AND RESERVES FILL (IN PLACE) TO INCLUDE STRIPPING & PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS, COMPLETE IN PLACE	CY	7790	\$3.00	\$23,370.00
12	TYPE III BARRICADE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	10	\$1,200.00	\$12,000.00
13	REMOVAL OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$150.00	\$300.00
14	5' WIDE TYPE 7 WHEELCHAIR RAMP FOR REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	EA	14	\$1,500.00	\$21,000.00
15	7' WIDE TYPE 7 WHEELCHAIR RAMP FOR REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	EA	10	\$1,800.00	\$18,000.00
16	5' WIDE MEDIAN ADA RAMPS FOR REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00
17	PROPOSED PAVING HEADER, COMPLETE IN PLACE	LF	290	\$16.00	\$4,640.00
18	CONNECT PROPOSED 7" CONCRETE PAVEMENT TO EXISTING PAVEMENT HEADER	EA	1	\$2,500.00	\$2,500.00
19	2' SAW CUT, FULL DEPTH, OF EXISTING HMAC PAVEMENT, INCLUDES REMOVAL AND DISPOSAL OF EXISTING PAVEMENT, COMPLETE IN PLACE	LF	80	\$25.00	\$2,000.00
20	HEAVY CLEARING, GRUBBING, AND STRIPPING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.25	\$18,000.00	\$4,500.00
21	REMOVE AND DISPOSE OF EXISTING 4' HOG WIRE FENCE AND POSTS, COMPLETE IN PLACE	LF	89	\$3.00	\$267.00
22	REMOVE AND DISPOSE OF EXISTING LEFT TURN SIGNS ON LOVE ROAD, COMPLETE IN PLACE	EA	2	\$140.00	\$280.00
23	REMOVE AND DISPOSE OF EXISTING METAL GATE AND FENCE POSTS ON LOVE ROAD, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00

PAVING IMPROVEMENT ITEMS SUBTOTAL:

\$1,828,168.00

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TO SERVE FULSHEAR LAKES WAY PHASE II & LOU WATERS PARKWAY PHASE I
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216
CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
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LJA ENGINEERING, INC.
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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
MISCELLANEOUS PAVING ITEMS					
1	CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00
2	6" PVC SLEEVES, SCHEDULE 40, UNDER PROPOSED PAVEMENT, PER DETAIL ON SHEET 39, MEASURED IN PLAN VIEW, COMPLETE IN PLACE	LF	1840	\$22.00	\$40,480.00
3	FORT BEND COUNTY ROAD BOND, (TOTAL BOND AMOUNT = \$514,801.00)	LS	1	\$15,000.00	\$15,000.00
4	FURNISH PERFORMANCE, PAYMENT, AND MAINTENANCE BONDS PER CONTRACT	LS	1	\$80,000.00	\$80,000.00
MISCELLANEOUS PAVING ITEMS SUBTOTAL:					\$136,680.00
ALTERNATE A					
1	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 16" WATERLINE ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	85	\$100.00	\$8,500.00
2	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 15" SANITARY SEWER ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	80	\$100.00	\$8,000.00
3	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 60" RCP STORM SEWER ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	84	\$1,386.00	\$116,424.00
4	ADDITIONAL COST FOR TRENCHLESS CONSTRUCTION OF 8'X4' RCB STORM SEWER ACROSS PIPELINE EASEMENT, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	53	\$2,200.00	\$116,600.00
ALTERNATE A SUBTOTAL:					\$249,524.00
BIDDING SUMMARY					
SUBTOTAL WATER ITEMS					\$727,947.00
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$769,243.00
SUBTOTAL STORM SEWER SYSTEM ITEMS					\$4,188,221.00
SUBTOTAL MISCELLANEOUS ITEMS – WS&D					\$177,408.00
SUBTOTAL PAVING IMPROVEMENT ITEMS					\$1,828,168.00
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$136,680.00
TOTAL AMOUNT BASE BID					\$7,827,667.00
ALTERNATE A					
TOTAL AMOUNT BASE BID					\$7,827,667.00
SUBTOTAL ALTERNATE A					\$249,524.00
TOTAL AMOUNT INCLUDING ALTERNATE A					\$8,077,191.00