

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER & DRAINAGE FACILITIES
TO SERVE POLO RANCH SECTION 8
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
APRIL 6, 2021
LJA ENGINEERING, INC.
A.OTTO
APRIL 6, 2021
2457-1080D (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID
1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.	\$619,220.05
2) R CONSTRUCTION CIVIL	\$827,764.98
3) BLAZEY CONSTRUCTION SERVICES LLC	\$678,733.60
4) PRINCIPAL SERVICES, LTD	\$679,191.97
5) D. L. ELLIOTT ENTERPRISES, INC.	\$704,319.56

CALENDAR DAYS 45/55



Andrew Casey

4/6/21

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

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 TO SERVE POLO RANCH SECTION 8
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 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 APRIL 6, 2021
 LJA ENGINEERING, INC.
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 2457-1080D (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.		2) R CONSTRUCTION CIVIL		3) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	8" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, TO INCLUDE BEDDING, BACKFILL AND FITTINGS, COMPLETE IN PLACE	LF	431	\$18.65	\$8,038.15	\$23.00	\$9,913.00	\$17.00	\$7,327.00
2	8" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, TO INCLUDE BEDDING, BACKFILL AND FITTINGS, COMPLETE IN PLACE	LF	2709	\$25.94	\$70,271.46	\$23.00	\$62,307.00	\$23.75	\$64,338.75
3	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	117	\$34.65	\$4,054.05	\$35.00	\$4,095.00	\$31.00	\$3,627.00
4	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	4109	\$0.10	\$410.90	\$0.10	\$410.90	\$0.30	\$1,232.70
5	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	4	\$4,323.42	\$17,293.68	\$4,500.00	\$18,000.00	\$3,630.00	\$14,520.00
6	6" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	2	\$752.58	\$1,505.16	\$1,200.00	\$2,400.00	\$677.00	\$1,354.00
7	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	8	\$1,241.32	\$9,930.56	\$1,200.00	\$9,600.00	\$1,004.00	\$8,032.00
8	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
9	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	718	\$1.74	\$1,249.32	\$2.00	\$1,436.00	\$1.75	\$1,256.50
10	SHORT SIDE SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9) WATER SERVICE, INCLUDES METER BOX, CURB STOP, MARKER AND ALL NECESSARY CONNECTORS, PLUGS AND TAPS, COMPLETE IN PLACE	EA	51	\$338.76	\$17,276.76	\$400.00	\$20,400.00	\$598.00	\$30,498.00
11	LONG SIDE SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE, INCLUDES METER BOX, CURB STOP, MARKER AND ALL NECESSARY CONNECTORS, PLUGS AND TAPS, AND 2" PVC (SCHEDULE 40) SLEEVE THAT IS TO BE INSTALLED DURING STAGE 1 OF THE CONSTRUCTION, COMPLETE IN PLACE	EA	29	\$567.01	\$16,443.29	\$800.00	\$23,200.00	\$741.00	\$21,489.00
12	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	2	\$308.00	\$616.00	\$200.00	\$400.00	\$700.00	\$1,400.00
13	RELOCATE & ADJUST EXISTING WATER SERVICE LEAD AND METER BOX, TO INCLUDE EXCAVATION, BEDDING AND BACKFILL, CUTS, BENDS, CONNECTORS, ADAPTERS AND MATERIALS NECESSARY TO COMPLETE RELOCATION, AND DISPOSAL OF WASTE MATERIALS OFFSITE, COMPLETE IN PLACE	EA	4	\$488.61	\$1,954.44	\$400.00	\$1,600.00	\$917.00	\$3,668.00
WATER ITEMS SUBTOTAL:					\$150,043.77		\$154,761.90		\$159,742.95
SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, 0' - 12' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	754	\$33.42	\$25,198.68	\$27.00	\$20,358.00	\$33.00	\$24,882.00
2	8" PVC SEWER PIPE, 12' - 16' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1614	\$34.43	\$55,570.02	\$30.00	\$48,420.00	\$41.60	\$67,142.40
3	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3662	\$0.10	\$366.20	\$0.10	\$366.20	\$0.30	\$1,098.60

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 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 APRIL 6, 2021
 LJA ENGINEERING, INC.
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 2457-1080D (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.		2) R CONSTRUCTION CIVIL		3) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	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	13	\$2,760.80	\$35,890.40	\$1,900.00	\$24,700.00	\$2,244.00	\$29,172.00
5	CORE INTO EXISTING SANITARY MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING MANHOLE, COMPLETE IN PLACE	EA	1	\$1,288.00	\$1,288.00	\$1,500.00	\$1,500.00	\$1,784.00	\$1,784.00
6	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	43	\$120.00	\$5,160.00	\$130.00	\$5,590.00	\$140.00	\$6,020.00
7	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	18	\$2,568.40	\$46,231.20	\$2,000.00	\$36,000.00	\$2,898.00	\$52,164.00
8	LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	1	\$3,913.03	\$3,913.03	\$2,200.00	\$2,200.00	\$3,554.00	\$3,554.00
9	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	22	\$791.12	\$17,404.64	\$1,000.00	\$22,000.00	\$1,137.00	\$25,014.00
10	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	355	\$15.00	\$5,325.00	\$15.00	\$5,325.00	\$15.00	\$5,325.00
11	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	355	\$25.00	\$8,875.00	\$25.00	\$8,875.00	\$25.00	\$8,875.00
12	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
13	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	506	\$1.74	\$880.44	\$2.00	\$1,012.00	\$1.75	\$885.50
14	TV INSPECTION FOR SANITARY SEWERS, (TO BE USED ONLY AT WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2368	\$1.65	\$3,907.20	\$0.01	\$23.68	\$1.60	\$3,788.80
15	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$417.61	\$417.61	\$500.00	\$500.00	\$824.00	\$824.00
16	RELOCATE & ADJUST EXISTING 6" SANITARY SERVICE LEAD, TO INCLUDE EXCAVATION, BEDDING AND BACKFILL, CUTS, BENDS, CONNECTORS, ADAPTERS AND MATERIALS NECESSARY TO COMPLETE RELOCATION, AND DISPOSAL OF WASTE MATERIALS OFFSITE, COMPLETE IN PLACE	EA	3	\$481.35	\$1,444.05	\$1,000.00	\$3,000.00	\$2,903.00	\$8,709.00
SANITARY SEWER ITEMS SUBTOTAL:					\$213,871.47		\$181,869.88		\$241,038.30
DRAINAGE FACILITIES ITEMS									
1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	982	\$56.71	\$55,689.22	\$63.00	\$61,866.00	\$58.00	\$56,956.00
2	30" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	498	\$68.99	\$34,357.02	\$80.00	\$39,840.00	\$70.00	\$34,860.00
3	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	386	\$92.49	\$35,701.14	\$108.00	\$41,688.00	\$98.00	\$37,828.00

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 TO SERVE POLO RANCH SECTION 8
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 APRIL 6, 2021
 LJA ENGINEERING, INC.
 A.OTTO
 APRIL 6, 2021
 2457-1080D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.		2) R CONSTRUCTION CIVIL		3) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	216	\$117.52	\$25,384.32	\$140.00	\$30,240.00	\$131.00	\$28,296.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2082	\$0.10	\$208.20	\$0.10	\$208.20	\$0.30	\$624.60
6	STAGE I – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	18	\$851.20	\$15,321.60	\$900.00	\$16,200.00	\$1,246.00	\$22,428.00
7	STAGE II – STANDARD (TYPE "H – 2") INLET, COMPLETE IN PLACE	EA	18	\$1,433.80	\$25,804.80	\$1,600.00	\$28,800.00	\$1,122.00	\$20,196.00
8	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	14	\$1,730.40	\$24,225.60	\$2,400.00	\$33,600.00	\$2,687.00	\$37,818.00
9	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	200	\$15.00	\$3,000.00	\$15.00	\$3,000.00	\$15.00	\$3,000.00
10	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	200	\$25.00	\$5,000.00	\$25.00	\$5,000.00	\$25.00	\$5,000.00
11	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1673	\$1.74	\$2,911.02	\$2.00	\$3,346.00	\$1.75	\$2,927.75
12	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
13	REMOVE AND DISPOSE OF EXISTING TYPE "E" INLET AND CONNECT PROPOSED STORM SEWER TO EXISTING STORM SEWER, COMPLETE IN PLACE	EA	1	\$504.00	\$504.00	\$500.00	\$500.00	\$982.00	\$982.00
14	REMOVE AND DISPOSE OF EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER TO EXISTING STORM SEWER, COMPLETE IN PLACE	EA	1	\$336.00	\$336.00	\$500.00	\$500.00	\$297.00	\$297.00
15	CONCRETE COLLAR FOR CONNECTION OF PROPOSED 42" STORM SEWER TO EXISTING 42" STORM SEWER, COMPLETE IN PLACE	EA	1	\$1,736.00	\$1,736.00	\$500.00	\$500.00	\$809.00	\$809.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$232,178.92		\$267,288.20		\$253,822.35
MISCELLANEOUS WS&D ITEMS									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTENANCE OF EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$900.00	\$900.00	\$1,000.00	\$1,000.00	\$728.00	\$728.00
2	STABILIZED CONSTRUCTION EXIT AT LOCATIONS SHOWN ON PLANS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), TO INCLUDE INSTALLATION AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00
3	CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$500.00	\$500.00	\$567.00	\$567.00
4	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, CONTRACTOR TO USE LJA SURVEYING, INC. FOR CONSTRUCTION STAKING, TO INCLUDE STAKING FOR THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES TRUNK LINES, STRUCTURES, AND SWALES OUTLINED IN THIS BID PROPOSAL. ANY RESTAKING THAT IS REQUIRED REGARDLESS OF THE REASON WILL BE CHARGED TO THE CONTRACTOR ON A TIME AND MATERIALS BASIS AND IS SEPARATE FROM THIS CONTRACT, COMPLETE IN PLACE	LS	1	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00
5	INSTALL AND MAINTAIN FILTER FABRIC FENCE (TO BE USED AT WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3845	\$1.00	\$3,845.00	\$1.00	\$3,845.00	\$1.00	\$3,845.00

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ITEM	DESCRIPTION	UNIT	QTY	1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.		2) R CONSTRUCTION CIVIL		3) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	CITY OF FULSHEAR INSPECTION FEE (1% OF TOTAL CONSTRUCTION AMOUNT)	LS	1	\$6,130.89	\$6,130.89	\$6,300.00	\$6,300.00	\$6,790.00	\$6,790.00
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$23,125.89		\$23,845.00		\$24,130.00
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER ITEMS					\$150,043.77		\$154,761.90		\$159,742.95
SUBTOTAL SANITARY SEWER ITEMS					\$213,871.47		\$181,869.88		\$241,038.30
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$232,178.92		\$267,288.20		\$253,822.35
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$23,125.89		\$23,845.00		\$24,130.00
TOTAL AMOUNT BASE BID					\$619,220.05		\$627,764.98		\$678,733.60

LJA Engineering, Inc.

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4) PRINCIPAL SERVICES, LTD 5) D. L. ELLIOTT ENTERPRISES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS							
1	6" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, TO INCLUDE BEDDING, BACKFILL AND FITTINGS, COMPLETE IN PLACE	LF	431	\$18.00	\$7,758.00	\$15.00	\$6,465.00
2	8" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, TO INCLUDE BEDDING, BACKFILL AND FITTINGS, COMPLETE IN PLACE	LF	2709	\$24.00	\$65,016.00	\$22.00	\$59,598.00
3	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	117	\$33.00	\$3,861.00	\$38.00	\$4,446.00
4	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	4109	\$0.10	\$410.90	\$0.20	\$821.80
5	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	4	\$4,000.00	\$16,000.00	\$4,200.00	\$16,800.00
6	6" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	2	\$1,200.00	\$2,400.00	\$810.00	\$1,620.00
7	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	8	\$1,200.00	\$9,600.00	\$1,200.00	\$9,600.00
8	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
9	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	718	\$1.00	\$718.00	\$3.50	\$2,513.00
10	SHORT SIDE SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9) WATER SERVICE, INCLUDES METER BOX, CURB STOP, MARKER AND ALL NECESSARY CONNECTORS, PLUGS AND TAPS, COMPLETE IN PLACE	EA	51	\$550.00	\$28,050.00	\$550.00	\$28,050.00
11	LONG SIDE SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE, INCLUDES METER BOX, CURB STOP, MARKER AND ALL NECESSARY CONNECTORS, PLUGS AND TAPS, AND 2" PVC (SCHEDULE 40) SLEEVE THAT IS TO BE INSTALLED DURING STAGE 1 OF THE CONSTRUCTION, COMPLETE IN PLACE	EA	29	\$1,000.00	\$29,000.00	\$950.00	\$27,550.00
12	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	2	\$400.00	\$800.00	\$300.00	\$600.00
13	RELOCATE & ADJUST EXISTING WATER SERVICE LEAD AND METER BOX, TO INCLUDE EXCAVATION, BEDDING AND BACKFILL, CUTS, BENDS, CONNECTORS, ADAPTERS AND MATERIALS NECESSARY TO COMPLETE RELOCATION, AND DISPOSAL OF WASTE MATERIALS OFFSITE, COMPLETE IN PLACE	EA	4	\$1,400.00	\$5,600.00	\$850.00	\$3,400.00
WATER ITEMS SUBTOTAL:					\$170,213.90		\$162,463.80
SANITARY SEWER ITEMS							
1	8" PVC SEWER PIPE, 0' - 12' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	754	\$31.00	\$23,374.00	\$38.00	\$28,652.00
2	8" PVC SEWER PIPE, 12' - 16' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1614	\$34.00	\$54,876.00	\$42.00	\$67,788.00
3	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3662	\$0.10	\$366.20	\$0.20	\$732.40

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LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEWER & DRAINAGE FACILITIES
 TO SERVE POLO RANCH SECTION 8
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 APRIL 6, 2021
 LJA ENGINEERING, INC.
 A.OTTO
 APRIL 6, 2021
 2457-1080D (9.2)

4) PRINCIPAL SERVICES, LTD 5) D. L. ELLIOTT ENTERPRISES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	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	13	\$2,500.00	\$32,500.00	\$2,250.00	\$29,250.00
5	CORE INTO EXISTING SANITARY MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING MANHOLE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,400.00	\$1,400.00
6	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	43	\$165.00	\$7,095.00	\$150.00	\$6,450.00
7	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	18	\$2,100.00	\$37,800.00	\$1,900.00	\$34,200.00
8	LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	1	\$2,900.00	\$2,900.00	\$2,900.00	\$2,900.00
9	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	22	\$1,200.00	\$26,400.00	\$1,100.00	\$24,200.00
10	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	355	\$15.00	\$5,325.00	\$15.00	\$5,325.00
11	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	355	\$25.00	\$8,875.00	\$25.00	\$8,875.00
12	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	\$30.00	\$3,000.00
13	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	506	\$1.00	\$506.00	\$3.50	\$1,771.00
14	TV INSPECTION FOR SANITARY SEWERS, (TO BE USED ONLY AT WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2368	\$2.00	\$4,736.00	\$3.00	\$7,104.00
15	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$700.00	\$700.00
16	RELOCATE & ADJUST EXISTING 6" SANITARY SERVICE LEAD, TO INCLUDE EXCAVATION, BEDDING AND BACKFILL, CUTS, BENDS, CONNECTORS, ADAPTERS AND MATERIALS NECESSARY TO COMPLETE RELOCATION, AND DISPOSAL OF WASTE MATERIALS OFFSITE, COMPLETE IN PLACE	EA	3	\$2,800.00	\$8,400.00	\$3,000.00	\$9,000.00
SANITARY SEWER ITEMS SUBTOTAL:					\$215,853.20		\$231,347.40
DRAINAGE FACILITIES ITEMS							
1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	982	\$66.00	\$64,812.00	\$64.00	\$62,848.00
2	30" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	498	\$80.00	\$39,840.00	\$82.00	\$40,836.00
3	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	386	\$115.00	\$44,390.00	\$114.00	\$44,004.00

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 LJA ENGINEERING, INC.
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4) PRINCIPAL SERVICES, LTD 5) D. L. ELLIOTT ENTERPRISES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	216	\$152.00	\$32,832.00	\$155.00	\$33,480.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2082	\$0.10	\$208.20	\$0.20	\$416.40
6	STAGE I – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	18	\$1,000.00	\$18,000.00	\$1,000.00	\$18,000.00
7	STAGE II – STANDARD (TYPE "H – 2") INLET, COMPLETE IN PLACE	EA	18	\$1,300.00	\$23,400.00	\$1,600.00	\$28,800.00
8	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	14	\$2,300.00	\$32,200.00	\$2,600.00	\$36,400.00
9	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	200	\$15.00	\$3,000.00	\$15.00	\$3,000.00
10	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	200	\$25.00	\$5,000.00	\$25.00	\$5,000.00
11	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1673	\$1.00	\$1,673.00	\$3.50	\$5,855.50
12	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	\$30.00	\$3,000.00
13	REMOVE AND DISPOSE OF EXISTING TYPE "E" INLET AND CONNECT PROPOSED STORM SEWER TO EXISTING STORM SEWER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00
14	REMOVE AND DISPOSE OF EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER TO EXISTING STORM SEWER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00
15	CONCRETE COLLAR FOR CONNECTION OF PROPOSED 42" STORM SEWER TO EXISTING 42" STORM SEWER, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,250.00	\$1,250.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$269,355.20		\$283,889.90
MISCELLANEOUS WS&D ITEMS							
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTENANCE OF EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$2,000.00	\$2,000.00
2	STABILIZED CONSTRUCTION EXIT AT LOCATIONS SHOWN ON PLANS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), TO INCLUDE INSTALLATION AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00
3	CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,600.00	\$1,600.00
4	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, CONTRACTOR TO USE LJA SURVEYING, INC. FOR CONSTRUCTION STAKING, TO INCLUDE STAKING FOR THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES TRUNK LINES, STRUCTURES, AND SWALES OUTLINED IN THIS BID PROPOSAL. ANY RESTAKING THAT IS REQUIRED REGARDLESS OF THE REASON WILL BE CHARGED TO THE CONTRACTOR ON A TIME AND MATERIALS BASIS AND IS SEPARATE FROM THIS CONTRACT, COMPLETE IN PLACE	LS	1	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00
5	INSTALL AND MAINTAIN FILTER FABRIC FENCE (TO BE USED AT WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3845	\$1.00	\$3,845.00	\$1.00	\$3,845.00

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4) PRINCIPAL SERVICES, LTD

5) D. L. ELLIOTT ENTERPRISES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	CITY OF FULSHEAR INSPECTION FEE (1% OF TOTAL CONSTRUCTION AMOUNT)	LS	1	\$6,724.67	\$6,724.67	\$6,973.46	\$6,973.46
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$23,789.67		\$26,618.46
BIDDING SUMMARY							
SUBTOTAL WATER ITEMS					\$170,213.90		\$162,463.80
SUBTOTAL SANITARY SEWER ITEMS					\$215,853.20		\$231,347.40
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$269,355.20		\$283,889.90
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$23,789.67		\$26,618.46
TOTAL AMOUNT BASE BID					\$679,181.97		\$704,319.56

LJA Engineering, Inc.