

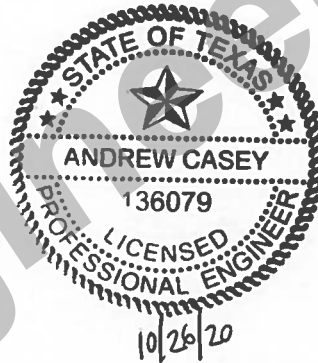
BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE, AND PAVING FACILITIES
TO SERVE POLO RANCH SECTION 12
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
OCTOBER 23, 2020
LJA ENGINEERING, INC.
A.CAROTHERS
OCTOBER 28, 2020
2457-1112D (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID
1) R CONSTRUCTION CIVIL	\$2,033,744.14
2) PRINCIPAL SERVICES, LTD	\$2,141,999.00
3) HARRIS CONSTRUCTION COMPANY, LTD.	\$2,267,482.95
4) TLC CONSTRUCTION CONTRACT SERVICES	\$2,777,021.54

CALENDAR DAYS 100/110



Andrew Casey

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

LJA Engineering, Inc.

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE, AND PAVING FACILITIES
 TO SERVE POLO RANCH SECTION 12
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 OCTOBER 23, 2020
 LJA ENGINEERING, INC.
 A.CAROTHERS
 OCTOBER 26, 2020
 2457-1112D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL		2) PRINCIPAL SERVICES, LTD		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				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	4089	\$20.00	\$81,380.00	\$20.00	\$81,380.00	\$20.00	\$81,380.00
2	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	1008	\$30.00	\$30,240.00	\$30.00	\$30,240.00	\$32.00	\$32,256.00
3	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	6539	\$0.05	\$326.95	\$0.10	\$653.90	\$0.50	\$3,269.50
4	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	11	\$3,900.00	\$42,900.00	\$3,700.00	\$40,700.00	\$4,100.00	\$45,100.00
5	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	21	\$1,000.00	\$21,000.00	\$1,045.00	\$21,945.00	\$1,150.00	\$24,150.00
6	EXTRA CAST IRON FITTINGS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$1,000.00	\$2,000.00	\$6,000.00	\$12,000.00	\$2,800.00	\$5,600.00
7	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1141	\$1.00	\$1,141.00	\$3.00	\$3,423.00	\$3.00	\$3,423.00
8	8" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	5	\$900.00	\$4,500.00	\$870.00	\$4,350.00	\$800.00	\$4,000.00
9	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	45	\$400.00	\$18,000.00	\$505.00	\$22,725.00	\$350.00	\$15,750.00
10	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	50	\$800.00	\$40,000.00	\$1,050.00	\$52,500.00	\$745.00	\$37,250.00
11	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	\$200.00	\$400.00	\$360.00	\$720.00	\$200.00	\$400.00
12	TRENCHLESS CONSTRUCTION OF PROPOSED 8" WATERLINE, DOES NOT INCLUDE PIPE, TO INCLUDE SPACERS AND BORE PITS, BEDDING AND END CAPS, BACKFILL FOR BORE PITS, COMPLETE IN PLACE	LF	64	\$140.00	\$8,960.00	\$200.00	\$12,800.00	\$115.00	\$7,360.00
WATER ITEMS SUBTOTAL:					\$250,847.95		\$283,436.90		\$259,938.50
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	470	\$24.00	\$11,280.00	\$30.00	\$14,100.00	\$29.50	\$13,865.00
2	8" PVC SEWER PIPE, 12' - 18' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2272	\$26.00	\$59,072.00	\$36.00	\$86,336.00	\$32.25	\$73,272.00
3	8" PVC SEWER PIPE, 18' - 20' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1055	\$40.00	\$42,200.00	\$50.00	\$52,750.00	\$38.00	\$40,090.00
4	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5559	\$0.05	\$277.95	\$0.10	\$555.90	\$0.50	\$2,779.50
5	STANDARD SANITARY SEWER MANHOLE FOR 8" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), TO INCLUDE INFLOW PREVENTER AND FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	18	\$2,500.00	\$45,000.00	\$3,000.00	\$54,000.00	\$3,050.00	\$54,900.00
6	REMOVE EXISTING 8" SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$100.00	\$100.00	\$150.00	\$150.00
7	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	104	\$130.00	\$13,520.00	\$155.00	\$16,120.00	\$200.00	\$20,800.00

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 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 OCTOBER 23, 2020
 LJA ENGINEERING, INC.
 A. CAROTHERS
 OCTOBER 26, 2020
 2457-1112D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL		2) PRINCIPAL SERVICES, LTD		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	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	28	\$1,800.00	\$50,400.00	\$1,700.00	\$47,600.00	\$2,850.00	\$79,800.00
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	23	\$900.00	\$20,700.00	\$1,000.00	\$23,000.00	\$525.00	\$12,075.00
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	780	\$15.00	\$11,400.00	\$15.00	\$11,400.00	\$15.00	\$11,400.00
11	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	760	\$25.00	\$19,000.00	\$25.00	\$19,000.00	\$25.00	\$19,000.00
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	815	\$1.00	\$815.00	\$3.00	\$2,445.00	\$3.00	\$2,445.00
14	TV INSPECTION FOR SANITARY SEWERS, (TO BE USED ONLY AT WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3797	\$1.00	\$3,797.00	\$3.00	\$11,391.00	\$4.00	\$15,188.00
15	8" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	3	\$20.00	\$60.00	\$100.00	\$300.00	\$75.00	\$225.00
16	TRENCHLESS CONSTRUCTION OF 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, DOES NOT INCLUDE PIPE, TO INCLUDE SPACERS AND BORE PITS, BEDDING AND END CAPS, BACKFILL FOR BORE PITS, COMPLETE IN PLACE	LF	64	\$170.00	\$10,880.00	\$240.00	\$15,360.00	\$115.00	\$7,360.00
17	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$375.00	\$750.00
SANITARY SEWER ITEMS SUBTOTAL:					\$291,501.95		\$357,457.90		\$356,099.50
DRAINAGE FACILITIES ITEMS									
1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2187	\$60.00	\$131,220.00	\$60.00	\$131,220.00	\$67.45	\$147,513.15
2	30" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	141	\$77.00	\$10,857.00	\$71.00	\$10,011.00	\$78.00	\$10,998.00
3	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	92	\$115.00	\$10,580.00	\$102.00	\$9,384.00	\$104.00	\$9,568.00
4	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	464	\$135.00	\$62,640.00	\$134.00	\$62,176.00	\$149.00	\$69,136.00
5	48" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	126	\$160.00	\$20,160.00	\$157.00	\$19,782.00	\$171.00	\$21,546.00
6	54" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	161	\$225.00	\$36,225.00	\$214.00	\$34,454.00	\$243.00	\$39,123.00
7	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	185	\$257.00	\$47,545.00	\$252.00	\$46,620.00	\$284.00	\$52,540.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3356	\$0.05	\$187.80	\$0.10	\$335.60	\$0.50	\$1,678.00
9	STAGE I - STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	30	\$1,200.00	\$36,000.00	\$952.00	\$28,560.00	\$1,000.00	\$30,000.00
10	STAGE II - STANDARD (TYPE "H - 2") INLET, COMPLETE IN PLACE	EA	30	\$1,500.00	\$45,000.00	\$1,343.00	\$40,290.00	\$1,200.00	\$36,000.00

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 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 OCTOBER 23, 2020
 LJA ENGINEERING, INC.
 A.CAROTHERS
 OCTOBER 26, 2020
 2457-1112D (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL		2) PRINCIPAL SERVICES, LTD		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	STAGE I - STANDARD 10' (TYPE "C-1") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
12	STAGE II - STANDARD 10' (TYPE "C-1") INLET, COMPLETE IN PLACE	EA	2	\$2,500.00	\$5,000.00	\$1,800.00	\$3,600.00	\$2,075.00	\$4,150.00
13	20' STAGE II (TYPE "C-2A") INLET TO BE INSTALLED ON TOP OF EXISTING STAGE I INLET, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$2,200.00	\$2,200.00	\$2,950.00	\$2,950.00
14	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	15	\$2,000.00	\$30,000.00	\$2,100.00	\$31,500.00	\$3,250.00	\$48,750.00
15	TYPE "C" MANHOLE FOR 48" STORM SEWER & LARGER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	5	\$6,000.00	\$30,000.00	\$3,000.00	\$15,000.00	\$4,925.00	\$24,625.00
16	TYPE "E" INLET, ALL DEPTHS, OPEN ALL SIDES, INCLUDING SILT BARRIER FENCE, COMPLETE IN PLACE	EA	6	\$2,500.00	\$15,000.00	\$1,800.00	\$10,800.00	\$4,300.00	\$25,800.00
17	JUNCTION BOX, WITH TYPE "C" MANHOLE TOP, INCLUDES FINAL ADJUSTMENTS AS REQUIRED, ALL SIZES AND ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$6,000.00	\$12,000.00	\$5,700.00	\$11,400.00	\$4,500.00	\$9,000.00
18	8" BRICK PLUG FOR 42" STORM SEWER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$250.00	\$250.00	\$395.00	\$395.00
19	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED STORM SEWER, INCLUDES APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00
20	BREAK INTO EXISTING STORM SEWER JUNCTION BOX AND CONNECT PROPOSED STORM SEWER, INCLUDES CONCRETE COLLAR, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$500.00	\$2,500.00	\$1,000.00	\$5,000.00	\$750.00	\$3,750.00
21	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	670	\$15.00	\$10,050.00	\$15.00	\$10,050.00	\$15.00	\$10,050.00
22	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	670	\$25.00	\$16,750.00	\$25.00	\$16,750.00	\$25.00	\$16,750.00
23	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	3052	\$1.00	\$3,052.00	\$3.00	\$9,156.00	\$3.00	\$9,156.00
24	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
25	4" REINFORCED CONCRETE SLOPE PAVING, TO INCLUDE 18" TOE AROUND PERIMETER OF SLOPE PAVING, COMPLETE IN PLACE	SY	117	\$85.00	\$9,945.00	\$105.00	\$12,285.00	\$90.00	\$10,530.00
26	18" THICK CONCRETE RIP RAP, PER DETAIL, TO INCLUDE GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	70	\$85.00	\$5,950.00	\$86.00	\$6,020.00	\$95.00	\$6,650.00
27	DEMUCK AND FILL EXISTING SHALLOW DRAINAGE SWALE, COMPLETE IN PLACE	LF	167	\$5.00	\$835.00	\$3.60	\$601.20	\$3.00	\$501.00
28	EXTREME EVENT GRASS-LINED OVERFLOW SWALE WITH 22' BOTTOM WIDTH, MAXIMUM 3:1 SIDE SLOPE, 0.2% MINIMUM SLOPE, TO INCLUDE THE PLACEMENT AND COMPACTION OF EXCAVATION MATERIAL, HYDROMULCH SEEDING, FERTILIZING AND WATERING, COMPLETE IN PLACE	LF	157	\$9.00	\$1,413.00	\$17.80	\$2,794.60	\$12.00	\$1,884.00
29	EXTREME EVENT GRASS-LINED OVERFLOW SWALE WITH 12' BOTTOM WIDTH, MAXIMUM 3:1 SIDE SLOPE, 0.2% MINIMUM SLOPE, TO INCLUDE THE PLACEMENT AND COMPACTION OF EXCAVATION MATERIAL, HYDROMULCH SEEDING, FERTILIZING AND WATERING, COMPLETE IN PLACE	LF	159	\$9.00	\$1,431.00	\$17.80	\$2,830.20	\$8.00	\$1,272.00
30	GRASS-LINED DRAINAGE SWALE WITH 3 TO 1 MAXIMUM SIDE SLOPES, TO INCLUDE THE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, HYDROMULCH SEEDING, FERTILIZING AND WATERING, COMPLETE IN PLACE	LF	1507	\$4.00	\$6,028.00	\$4.35	\$6,555.45	\$3.00	\$4,521.00
31	ADJUST RIM ELEVATIONS OF EXISTING STRUCTURES AS NECESSARY, AFTER FINAL GRADING, COMPLETE IN PLACE	EA	8	\$300.00	\$2,400.00	\$250.00	\$2,000.00	\$500.00	\$4,000.00

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32	CEMENT STABILIZED SAND BACKFILL OVER EXISTING STORM SEWER AT STREET CROSSINGS, TO INCLUDE EXCAVATION, PLACEMENT AND COMPACTION OF EXISTING MATERIALS, COMPLETE IN PLACE	EA	4	\$1,500.00	\$6,000.00	\$200.00	\$800.00	\$2,500.00	\$10,000.00
33	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	\$500.00	\$500.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$577,748.80		\$538,925.05		\$619,336.15
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	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00
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	2	\$1,200.00	\$2,400.00	\$1,200.00	\$2,400.00	\$1,200.00	\$2,400.00
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	\$500.00	\$500.00	\$1,000.00	\$1,000.00
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	\$13,100.00	\$13,100.00	\$13,100.00	\$13,100.00	\$13,100.00	\$13,100.00
5	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	8188	\$1.25	\$10,235.00	\$1.25	\$10,235.00	\$1.50	\$12,282.00
6	INSTALL AND MAINTAIN FILTER FABRIC FENCE (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	5602	\$1.00	\$5,602.00	\$1.00	\$5,602.00	\$1.00	\$5,602.00
7	STAGE II INLET PROTECTION BARRIER (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	44	\$60.00	\$2,640.00	\$60.00	\$2,640.00	\$60.00	\$2,640.00
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$35,477.00		\$35,477.00		\$37,524.00
PAVING IMPROVEMENT ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	14814	\$37.00	\$548,118.00	\$38.00	\$562,932.00	\$39.95	\$591,819.30
2	8" LIME STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	15746	\$2.50	\$39,365.00	\$3.00	\$47,238.00	\$2.25	\$35,428.50
3	HYDRATED LIME FOR STABILIZED SUB-GRADE (43 LBS/SY) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	339	\$190.00	\$64,410.00	\$180.00	\$61,020.00	\$215.00	\$72,885.00
4	PERMANENT TRAFFIC CONTROL DEVICES, (INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING), COMPLETE IN PLACE	LS	1	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00
5	4' REINFORCED CONCRETE SIDEWALK, 4.5" THICK (TO BE USED AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	428	\$23.00	\$9,844.00	\$24.00	\$10,272.00	\$35.00	\$14,980.00
6	6' REINFORCED CONCRETE SIDEWALK, 4.5" THICK (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1053	\$33.00	\$34,749.00	\$35.00	\$36,855.00	\$52.00	\$54,756.00
7	TYPE I WHEEL CHAIR RAMPS FOR 4' WIDE REINFORCED CONCRETE SIDEWALK, PER DETAIL IN CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	17	\$1,200.00	\$20,400.00	\$1,250.00	\$21,250.00	\$1,250.00	\$21,250.00
8	TYPE 1 WHEEL CHAIR RAMPS FOR 6' WIDE REINFORCED CONCRETE SIDEWALK, PER DETAIL IN CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	13	\$1,400.00	\$18,200.00	\$1,500.00	\$19,500.00	\$1,750.00	\$22,750.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE, AND PAVING FACILITIES
 TO SERVE POLO RANCH SECTION 12
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 OCTOBER 23, 2020
 LJA ENGINEERING, INC.
 A.CAROTHERS
 OCTOBER 26, 2020
 2457-1112D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL		2) PRINCIPAL SERVICES, LTD		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	PERMANENT TRAFFIC CONTROL SIGNS, INCLUDING STOP SIGNS WITH STREET, NAMES, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC., COMPLETE IN PLACE	EA	9	\$500.00	\$4,500.00	\$600.00	\$5,400.00	\$750.00	\$6,750.00
10	CONNECT PROPOSED CONCRETE PAVEMENT TO EXISTING PAVING HEADER, COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00	\$955.00	\$1,910.00	\$500.00	\$1,000.00
11	ROADWAY AND LOT EXCAVATION, TO INCLUDE STRIPPING & PROOFROLLING. COMPLETE IN PLACE	CY	23014	\$2.00	\$46,028.00	\$2.00	\$46,028.00	\$2.00	\$46,028.00
12	ROADWAY, ROW, LOTS AND RESERVES FILL (IN PLACE) TO INCLUDE STRIPPING & PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	23014	\$1.00	\$23,014.00	\$2.00	\$46,028.00	\$2.00	\$46,028.00
13	TYPE III BARRICADE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	5	\$900.00	\$4,500.00	\$1,000.00	\$5,000.00	\$1,100.00	\$5,500.00
14	CONCRETE PAVING HEADER, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	140	\$15.00	\$2,100.00	\$10.00	\$1,400.00	\$14.00	\$1,960.00
15	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR. CONTRACTORS TO USE LJA SURVEYING, INC. FOR CONSTRUCTION STAKING, TO INCLUDE TOP OF CURB STAKING EVERY 50 LF AND ADDITIONAL STAKING ALONG CURVES, AND LOT GRADE, COMPLETE IN PLACE	LS	1	\$16,800.00	\$16,800.00	\$16,800.00	\$16,800.00	\$16,800.00	\$16,800.00
16	AS-BUILT SURVEY, TO BE COMPLETED BY LJA SURVEYING, INC., COMPLETE IN PLACE	LS	1	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00
17	COMPLETE LOT GRADING (95 LOTS AND 8 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$17,750.00	\$17,750.00
18	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	3	\$1.00	\$3.00	\$100.00	\$300.00	\$200.00	\$600.00
PAVING IMPROVEMENT ITEMS SUBTOTAL:					\$857,831.00		\$906,733.00		\$964,584.80
PERMIT ITEMS									
1	CITY OF FULSHEAR INSPECTION FEE (1% TOTAL CONSTRUCTION COST)	LS	1	\$20,337.44	\$20,337.44	\$19,969.15	\$19,969.15	\$30,000.00	\$30,000.00
PERMIT ITEMS SUBTOTAL:					\$20,337.44		\$19,969.15		\$30,000.00
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS					\$250,847.95		\$283,436.90		\$259,938.50
SUBTOTAL SANITARY SEWER ITEMS					\$291,501.95		\$357,457.90		\$356,099.50
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$577,748.80		\$538,925.05		\$619,336.15
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$35,477.00		\$35,477.00		\$37,524.00
SUBTOTAL PAVING IMPROVEMENT ITEMS					\$857,831.00		\$906,733.00		\$964,584.80
SUBTOTAL PERMIT ITEMS					\$20,337.44		\$19,969.15		\$30,000.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE, AND PAVING FACILITIES
 TO SERVE POLO RANCH SECTION 12
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 OCTOBER 23, 2020
 LJA ENGINEERING, INC.
 A.CAROTHERS
 OCTOBER 26, 2020
 2457-1112D (9.2)

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

1) TLC CONSTRUCTION CONTRACT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	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	4089	\$23.00	\$93,587.00
2	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	1008	\$33.00	\$33,264.00
3	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	6539	\$0.01	\$65.39
4	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	11	\$4,228.00	\$46,508.00
5	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	21	\$1,248.00	\$26,208.00
6	EXTRA CAST IRON FITTINGS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$1,250.00	\$2,500.00
7	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1141	\$3.00	\$3,423.00
8	8" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	5	\$1,009.00	\$5,045.00
9	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	45	\$469.00	\$21,105.00
10	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	50	\$840.00	\$42,000.00
11	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	\$363.00	\$726.00
12	TRENCHLESS CONSTRUCTION OF PROPOSED 8" WATERLINE, DOES NOT INCLUDE PIPE, TO INCLUDE SPACERS AND BORE PITS, BEDDING AND END CAPS, BACKFILL FOR BORE PITS, COMPLETE IN PLACE	LF	84	\$28.00	\$1,792.00
WATER ITEMS SUBTOTAL:					\$276,223.39
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	470	\$29.00	\$13,630.00
2	8" PVC SEWER PIPE, 12' - 16' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2272	\$48.00	\$109,056.00
3	8" PVC SEWER PIPE, 16' - 20' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1055	\$152.00	\$160,360.00
4	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5559	\$0.01	\$55.59
5	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), TO INCLUDE INFLOW PREVENTER AND FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	18	\$3,475.00	\$62,550.00
6	REMOVE EXISTING 8" SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$63.00	\$63.00
7	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	104	\$196.00	\$20,384.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE, AND PAVING FACILITIES
 TO SERVE POLO RANCH SECTION 12
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 OCTOBER 23, 2020
 LJA ENGINEERING, INC.
 A.CAROTHERS
 OCTOBER 26, 2020
 2457-1112D (9.2)

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

I) TLC CONSTRUCTION CONTRACT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
8	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	28	\$1,941.00	\$54,348.00
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	23	\$1,101.00	\$25,323.00
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	780	\$15.00	\$11,400.00
11	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	760	\$25.00	\$19,000.00
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
13	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	815	\$3.00	\$2,445.00
14	TV INSPECTION FOR SANITARY SEWERS, (TO BE USED ONLY AT WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3797	\$3.00	\$11,391.00
15	8" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	3	\$28.00	\$84.00
16	TRENCHLESS CONSTRUCTION OF 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, DOES NOT INCLUDE PIPE, TO INCLUDE SPACERS AND BORE PITS, BEDDING AND END CAPS, BACKFILL FOR BORE PITS, COMPLETE IN PLACE	LF	64	\$28.00	\$1,792.00
17	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$301.00	\$602.00
SANITARY SEWER ITEMS SUBTOTAL:					\$494,483.59
DRAINAGE FACILITIES ITEMS					
1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2187	\$72.00	\$157,464.00
2	30" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	141	\$88.00	\$12,408.00
3	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	92	\$120.00	\$11,040.00
4	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	464	\$145.00	\$67,280.00
5	48" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	126	\$190.00	\$23,940.00
6	54" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	161	\$245.00	\$39,445.00
7	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	185	\$300.00	\$55,500.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3356	\$0.01	\$33.56
9	STAGE I – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	30	\$2,181.00	\$65,430.00
10	STAGE II – STANDARD (TYPE "H – 2") INLET, COMPLETE IN PLACE	EA	30	\$593.00	\$17,790.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE, AND PAVING FACILITIES
 TO SERVE POLO RANCH SECTION 12
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 OCTOBER 23, 2020
 LJA ENGINEERING, INC.
 A. CAROTHERS
 OCTOBER 26, 2020
 2457-1112D (9.2)

BID OPENING DATE:
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TABULATION DATE:
LJA JOB NO.

1) TLC CONSTRUCTION CONTRACT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
11	STAGE I - STANDARD 10' (TYPE "C-1") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	2	\$3,119.00	\$8,238.00
12	STAGE II - STANDARD 10' (TYPE "C-1") INLET, COMPLETE IN PLACE	EA	2	\$593.00	\$1,186.00
13	20' STAGE II (TYPE "C-2A") INLET TO BE INSTALLED ON TOP OF EXISTING STAGE I INLET, COMPLETE IN PLACE	EA	1	\$3,217.00	\$3,217.00
14	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	15	\$2,727.00	\$40,905.00
15	TYPE "C" MANHOLE FOR 48" STORM SEWER & LARGER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	5	\$5,276.00	\$26,380.00
16	TYPE "E" INLET, ALL DEPTHS, OPEN ALL SIDES, INCLUDING SILT BARRIER FENCE, COMPLETE IN PLACE	EA	6	\$5,283.00	\$31,698.00
17	JUNCTION BOX, WITH TYPE "C" MANHOLE TOP, INCLUDES FINAL ADJUSTMENTS AS REQUIRED, ALL SIZES AND ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,937.00	\$9,874.00
18	8" BRICK PLUG FOR 42" STORM SEWER, COMPLETE IN PLACE	EA	1	\$995.00	\$995.00
19	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED STORM SEWER, INCLUDES APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$255.00	\$1,020.00
20	BREAK INTO EXISTING STORM SEWER JUNCTION BOX AND CONNECT PROPOSED STORM SEWER, INCLUDES CONCRETE COLLAR, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$875.00	\$4,375.00
21	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	670	\$15.00	\$10,050.00
22	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	670	\$25.00	\$16,750.00
23	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	3052	\$3.00	\$9,156.00
24	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
25	4" REINFORCED CONCRETE SLOPE PAVING, TO INCLUDE 18" TOE AROUND PERIMETER OF SLOPE PAVING, COMPLETE IN PLACE	SY	117	\$101.00	\$11,817.00
26	18" THICK CONCRETE RIP RAP, PER DETAIL, TO INCLUDE GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	70	\$97.00	\$6,790.00
27	DEMUCK AND FILL EXISTING SHALLOW DRAINAGE SWALE, COMPLETE IN PLACE	LF	167	\$3.00	\$501.00
28	EXTREME EVENT GRASS-LINED OVERFLOW SWALE WITH 22' BOTTOM WIDTH, MAXIMUM 3:1 SIDE SLOPE, 0.2% MINIMUM SLOPE, TO INCLUDE THE PLACEMENT AND COMPACTION OF EXCAVATION MATERIAL, HYDROMULCH SEEDING, FERTILIZING AND WATERING, COMPLETE IN PLACE	LF	157	\$18.00	\$2,826.00
29	EXTREME EVENT GRASS-LINED OVERFLOW SWALE WITH 12' BOTTOM WIDTH, MAXIMUM 3:1 SIDE SLOPE, 0.2% MINIMUM SLOPE, TO INCLUDE THE PLACEMENT AND COMPACTION OF EXCAVATION MATERIAL, HYDROMULCH SEEDING, FERTILIZING AND WATERING, COMPLETE IN PLACE	LF	159	\$15.00	\$2,385.00
30	GRASS-LINED DRAINAGE SWALE WITH 3 TO 1 MAXIMUM SIDE SLOPES, TO INCLUDE THE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, HYDROMULCH SEEDING, FERTILIZING AND WATERING, COMPLETE IN PLACE	LF	1507	\$8.00	\$12,056.00
31	ADJUST RIM ELEVATIONS OF EXISTING STRUCTURES AS NECESSARY, AFTER FINAL GRADING, COMPLETE IN PLACE	EA	8	\$244.00	\$1,952.00

BID TABULATION FOR:

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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 OCTOBER 23, 2020
 LJA ENGINEERING, INC.
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i) TLC CONSTRUCTION CONTRACT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
32	CEMENT STABILIZED SAND BACKFILL OVER EXISTING STORM SEWER AT STREET CROSSINGS, TO INCLUDE EXCAVATION, PLACEMENT AND COMPACTION OF EXISTING MATERIALS, COMPLETE IN PLACE	EA	4	\$221.00	\$884.00
33	REMOVE AND DISPOSE OF EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER TO EXISTING STORM SEWER, COMPLETE IN PLACE	EA	1	\$238.00	\$238.00

DRAINAGE FACILITIES ITEMS SUBTOTAL: \$853,823.58

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	\$2,750.00	\$2,750.00
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	2	\$2,500.00	\$5,000.00
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	\$852.00	\$852.00
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	\$13,100.00	\$13,100.00
5	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	8188	\$2.00	\$16,376.00
6	INSTALL AND MAINTAIN FILTER FABRIC FENCE (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	5602	\$1.00	\$5,602.00
7	STAGE II INLET PROTECTION BARRIER (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	44	\$75.00	\$3,300.00

MISCELLANEOUS WS&D ITEMS SUBTOTAL: \$46,980.00

PAVING IMPROVEMENT ITEMS

1	6" REINFORCED CONCRETE PAVEMENT INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	14814	\$49.00	\$725,886.00
2	8" LIME STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	15746	\$5.00	\$78,730.00
3	HYDRATED LIME FOR STABILIZED SUB-GRADE (43 LBS/SY) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	339	\$219.00	\$74,241.00
4	PERMANENT TRAFFIC CONTROL DEVICES, (INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING), COMPLETE IN PLACE	LS	1	\$1,446.00	\$1,446.00
5	4' REINFORCED CONCRETE SIDEWALK, 4.5" THICK (TO BE USED AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	428	\$42.00	\$17,976.00
6	6' REINFORCED CONCRETE SIDEWALK, 4.5" THICK (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1053	\$62.00	\$65,286.00
7	TYPE I WHEEL CHAIR RAMPS FOR 4' WIDE REINFORCED CONCRETE SIDEWALK, PER DETAIL IN CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	17	\$1,977.00	\$33,609.00
8	TYPE 1 WHEEL CHAIR RAMPS FOR 6' WIDE REINFORCED CONCRETE SIDEWALK, PER DETAIL IN CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	13	\$2,470.00	\$32,110.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE, AND PAVING FACILITIES
 TO SERVE POLO RANCH SECTION 12
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 174
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 OCTOBER 23, 2020
 LJA ENGINEERING, INC.
 A.CAROTHERS
 OCTOBER 26, 2020
 2457-1112D (9.2)

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

1) TLC CONSTRUCTION CONTRACT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
9	PERMANENT TRAFFIC CONTROL SIGNS, INCLUDING STOP SIGNS WITH STREET, NAMES, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC., COMPLETE IN PLACE	EA	9	\$535.00	\$4,815.00
10	CONNECT PROPOSED CONCRETE PAVEMENT TO EXISTING PAVING HEADER, COMPLETE IN PLACE	EA	2	\$750.00	\$1,500.00
11	ROADWAY AND LOT EXCAVATION, TO INCLUDE STRIPPING & PROOFROLLING. COMPLETE IN PLACE	CY	23014	\$4.00	\$92,056.00
12	ROADWAY, ROW, LOTS AND RESERVES FILL (IN PLACE) TO INCLUDE STRIPPING & PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	23014	\$5.00	\$115,070.00
13	TYPE III BARRICADE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	5	\$938.00	\$4,690.00
14	CONCRETE PAVING HEADER, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	140	\$19.00	\$2,660.00
15	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, CONTRACTORS TO USE LJA SURVEYING, INC. FOR CONSTRUCTION STAKING, TO INCLUDE TOP OF CURB STAKING EVERY 50 LF AND ADDITIONAL STAKING ALONG CURVES, AND LOT GRADE, COMPLETE IN PLACE	LS	1	\$16,800.00	\$16,800.00
16	AS-BUILT SURVEY, TO BE COMPLETED BY LJA SURVEYING, INC., COMPLETE IN PLACE	LS	1	\$4,800.00	\$4,800.00
17	COMPLETE LOT GRADING (95 LOTS AND 8 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$6,352.00	\$6,352.00
18	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	3	\$63.00	\$189.00
PAVING IMPROVEMENT ITEMS SUBTOTAL:					\$1,278,216.00
PERMIT ITEMS					
1	CITY OF FULSHEAR INSPECTION FEE (1% TOTAL CONSTRUCTION COST)	LS	1	\$27,495.00	\$27,495.00
PERMIT ITEMS SUBTOTAL:					\$27,495.00
BIDDING SUMMARY					
SUBTOTAL WATER ITEMS					\$276,223.39
SUBTOTAL SANITARY SEWER ITEMS					\$494,483.59
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$853,623.56
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$46,980.00
SUBTOTAL PAVING IMPROVEMENT ITEMS					\$1,278,216.00
SUBTOTAL PERMIT ITEMS					\$27,495.00