

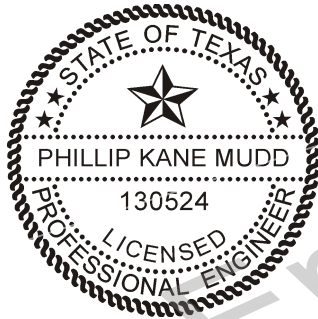
BID TABULATION FOR:

BID OPENING DATE:
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TABULATION DATE:
LJA JOB NO.

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES,
AND PAVING AND APPURTENANCES TO SERVE PECAN KNOLL DRIVE PHASE III
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 175
CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
MARCH 12, 2024
LJA ENGINEERING, INC.
A. OTTO
MARCH 12, 2024
2085-3009D (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID
1) HURTADO CONSTRUCTION COMPANY	\$2,968,763.86
2) TEXAS KB UTILITIES, LLC	\$3,149,000.00
3) R CONSTRUCTION CIVIL, LLC	\$3,288,235.80
4) CE BARKER LTD.	\$3,381,700.64

CALENDAR DAYS 110/120



Kane Mudd

03/15/2024

I, Phillip Kane Mudd, PE, hereby certify these bid tabulations to be true and correct.

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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 175
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
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				1) HURTADO CONSTRUCTION COMPANY		2) TEXAS KB UTILITIES, LLC		3) R CONSTRUCTION CIVIL, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS – PECAN KNOLL DRIVE PHASE 3									
1	16" PVC WATERLINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, MIN. 20 GA COPPER TRACER WIRE, REDUCERS, THRUST BLOCKS AND CONNECTORS ETC.), BLUE IN COLOR, COMPLETE IN PLACE	LF	301	\$82.00	\$24,682.00	\$98.10	\$29,528.10	\$83.00	\$24,983.00
2	12" PVC WATERLINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, MIN. 20 GA COPPER TRACER WIRE, REDUCERS, THRUST BLOCKS AND CONNECTORS ETC.), BLUE IN COLOR, COMPLETE IN PLACE	LF	2577	\$65.00	\$167,505.00	\$71.70	\$184,770.90	\$71.00	\$182,967.00
3	8" PVC WATERLINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, MIN. 20 GA COPPER TRACER WIRE, REDUCERS, THRUST BLOCKS AND CONNECTORS ETC.), BLUE IN COLOR, COMPLETE IN PLACE	LF	631	\$44.00	\$27,764.00	\$45.60	\$28,773.60	\$39.00	\$24,609.00
4	16" PVC RESTRAINED JOINT WATERLINE, C-900, DR 14, CLASS 305, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, MIN. 20 GA COPPER TRACER WIRE, REDUCERS, THRUST BLOCKS AND CONNECTORS ETC.), BLUE IN COLOR, COMPLETE IN PLACE	LF	16	\$368.00	\$5,888.00	\$116.55	\$1,864.80	\$343.00	\$5,488.00
5	12" PVC RESTRAINED JOINT WATERLINE, C-900, DR 14, CLASS 305, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, MIN. 20 GA COPPER TRACER WIRE, REDUCERS, THRUST BLOCKS AND CONNECTORS ETC.), BLUE IN COLOR, COMPLETE IN PLACE	LF	47	\$180.00	\$8,460.00	\$76.40	\$3,590.80	\$236.00	\$11,092.00
6	12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$2,958.00	\$32,538.00	\$3,525.00	\$38,775.00	\$3,600.00	\$39,600.00
7	8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$1,580.00	\$12,640.00	\$1,920.00	\$15,360.00	\$2,000.00	\$16,000.00
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE AND RESTRAINED JOINT FITTINGS, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, THRUST BLOCKS, BLIND FLANGES, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	6	\$6,480.00	\$38,880.00	\$6,275.00	\$37,650.00	\$6,900.00	\$41,400.00
9	16" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,400.00	\$1,400.00	\$550.00	\$550.00	\$1,800.00	\$1,800.00
10	12" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,188.00	\$4,752.00	\$550.00	\$2,200.00	\$1,250.00	\$5,000.00
11	8" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$1,108.00	\$7,756.00	\$550.00	\$3,850.00	\$1,300.00	\$9,100.00
12	CONNECT PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE, INCLUDES REMOVING EXISTING PLUG AND CLAMP AND VALVE AND ALL NECESSARY ADAPTORS AND CONNECTIONS, WET CONNECTION, COMPLETE IN PLACE	EA	1	\$8.00	\$8.00	\$495.00	\$495.00	\$650.00	\$650.00
13	BORE AND JACK 24" PVC CASE PIPE FOR 16" WATERLINE UNDER KINDER MORGAN PIPELINE EASEMENT, INCLUDES COST OF PVC CASE PIPE AND APPURTENANCES, COMPLETE IN PLACE	LF	100	\$338.00	\$33,800.00	\$231.00	\$23,100.00	\$651.00	\$65,100.00
14	BORE AND JACK 20" PVC CASE PIPE FOR 12" WATERLINE UNDER KINDER MORGAN PIPELINE EASEMENT, INCLUDES COST OF PVC CASE PIPE AND APPURTENANCES, COMPLETE IN PLACE	LF	100	\$252.00	\$25,200.00	\$187.00	\$18,700.00	\$550.00	\$55,000.00
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3309	\$0.08	\$264.72	\$0.10	\$330.90	\$0.10	\$330.90
WATER ITEMS – PECAN KNOLL DRIVE PHASE 3 SUBTOTAL:					\$391,537.72		\$389,539.10		\$483,119.90

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 AND PAVING AND APPURTENANCES TO SERVE PECAN KNOLL DRIVE PHASE III
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 175
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
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 LJA ENGINEERING, INC.
 A. OTTO
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				1) HURTADO CONSTRUCTION COMPANY		2) TEXAS KB UTILITIES, LLC		3) R CONSTRUCTION CIVIL, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SANITARY SEWER ITEMS – PECAN KNOLL DRIVE PHASE 3									
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, PR 115, 0' - 8' CUT, INCLUDES BEDDING AND BACKFILL, GREEN IN COLOR, COMPLETE IN PLACE	LF	118	\$60.00	\$7,080.00	\$85.95	\$10,142.10	\$40.00	\$4,720.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, PR 115, 8' - 12' CUT, INCLUDES BEDDING AND BACKFILL, GREEN IN COLOR, COMPLETE IN PLACE	LF	766	\$60.00	\$45,960.00	\$85.95	\$65,837.70	\$39.00	\$29,874.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, PR 115, 12' - 16' CUT, TO INCLUDES BEDDING AND BACKFILL, GREEN IN COLOR, COMPLETE IN PLACE	LF	163	\$73.00	\$11,899.00	\$85.95	\$14,009.85	\$41.00	\$6,683.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, PR 115, 16' - 20' CUT, TO INCLUDES BEDDING AND BACKFILL, GREEN IN COLOR, COMPLETE IN PLACE	LF	632	\$82.00	\$51,824.00	\$85.95	\$54,320.40	\$54.00	\$34,128.00
5	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, PR 115, OVER - 20' CUT, TO INCLUDES BEDDING AND BACKFILL, GREEN IN COLOR, COMPLETE IN PLACE	LF	307	\$93.00	\$28,551.00	\$85.95	\$26,386.65	\$105.00	\$32,235.00
6	8" PVC SANITARY FORCE MAIN PIPE, C-900, DR-18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, TRACER WIRE AND CONNECTORS, THRUST BLOCKS, REDUCERS, ETC.) GREEN IN COLOR, COMPLETE IN PLACE	LF	2557	\$40.88	\$104,530.16	\$37.30	\$95,376.10	\$35.00	\$89,495.00
7	8" PVC RESTRAINED JOINT FORCE MAIN PIPE, C-900, DR 14, CLASS 305, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, MIN. 20 GA COPPER TRACER WIRE, REDUCERS, THRUST BLOCKS AND CONNECTORS ETC.), BLUE IN COLOR, COMPLETE IN PLACE	LF	32	\$153.00	\$4,896.00	\$44.55	\$1,425.60	\$194.00	\$6,208.00
8	8" PLUG AND CLAMP, ALL DEPTHS, INCLUDES MARKER, COMPLETE IN PLACE	EA	1	\$508.00	\$508.00	\$600.00	\$600.00	\$550.00	\$550.00
9	CONNECT PROPOSED 8" FORCE MAIN TO EXISTING 8" FORCE MAIN, INCLUDES REMOVING EXISTING PLUG AND CLAMP AND CONNECTING 8" FORCEMAIN, COMPLETE IN PLACE	EA	1	\$2,100.00	\$2,100.00	\$495.00	\$495.00	\$900.00	\$900.00
10	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6" – 24" SANITARY SEWER PIPES, INCLUDES INFLOW PROTECTOR, COMPLETE IN PLACE	EA	18	\$2,988.00	\$53,784.00	\$3,680.00	\$66,240.00	\$3,200.00	\$57,600.00
11	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, (GREATER THAN 8' DEPTH), COMPLETE IN PLACE	VF	142	\$138.00	\$19,596.00	\$148.50	\$21,087.00	\$190.00	\$26,980.00
12	STANDARD SANITARY SEWER MANHOLE DROP, COMPLETE IN PLACE	EA	2	\$648.00	\$1,296.00	\$770.00	\$1,540.00	\$440.00	\$880.00
13	SANITARY MANHOLE DROP EXTRA DEPTH, (OVER 3'), COMPLETE IN PLACE	VF	10	\$13.00	\$130.00	\$33.00	\$330.00	\$19.00	\$190.00
14	BORE AND JACK 16" PVC CASE PIPE FOR 8" FORCEMAIN UNDER KINDER MORGAN PIPELINE EASEMENT, INCLUDES COST OF PVC CASE PIPE AND APPURTENANCES, COMPLETE IN PLACE	LF	100	\$158.00	\$15,800.00	\$171.70	\$17,170.00	\$455.00	\$45,500.00
15	SANITARY SEWER PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$43.00	\$86.00	\$50.00	\$100.00	\$40.00	\$80.00
16	REMOVE EXISTING SANITARY SEWER PLUG AND INSTALL PROPOSED SANITARY SEWER MANHOLE, ALL SIZES AND DEPTH, COMPLETE IN PLACE	EA	1	\$80.00	\$80.00	\$495.00	\$495.00	\$2,400.00	\$2,400.00
17	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4475	\$0.48	\$2,148.00	\$0.10	\$447.50	\$0.10	\$447.50
18	TV INSPECTION FOR SANITARY SEWERS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1986	\$0.01	\$19.86	\$0.10	\$198.60	\$2.00	\$3,972.00
SANITARY SEWER ITEMS – PECAN KNOLL DRIVE PHASE 3 SUBTOTAL:					\$350,288.02		\$376,201.50		\$342,842.50
DRAINAGE FACILITIES ITEMS – PECAN KNOLL DRIVE PHASE 3									
1	24" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	1209	\$88.38	\$106,851.42	\$90.35	\$109,233.15	\$86.00	\$103,974.00
2	30" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	215	\$108.00	\$23,220.00	\$116.05	\$24,950.75	\$118.00	\$25,370.00

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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 175
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 MARCH 12, 2024
 LJA ENGINEERING, INC.
 A. OTTO
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 2085-3009D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) TEXAS KB UTILITIES, LLC		3) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	36" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	38	\$155.00	\$5,890.00	\$161.00	\$6,118.00	\$171.00	\$6,498.00
4	42" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	158	\$198.00	\$31,284.00	\$200.65	\$31,702.70	\$198.00	\$31,284.00
5	48" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	370	\$212.00	\$78,440.00	\$228.15	\$84,415.50	\$235.00	\$86,950.00
6	54" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	170	\$298.00	\$50,660.00	\$329.85	\$56,074.50	\$332.00	\$56,440.00
7	60" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	313	\$360.00	\$112,680.00	\$379.20	\$118,689.60	\$390.00	\$122,070.00
8	66" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	86	\$498.00	\$42,828.00	\$486.30	\$41,821.80	\$511.00	\$43,946.00
9	72" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	635	\$528.00	\$335,280.00	\$573.25	\$364,013.75	\$600.00	\$381,000.00
10	REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	8	\$5,800.00	\$46,400.00	\$2,565.00	\$20,520.00	\$3,500.00	\$28,000.00
11	REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	14	\$8,000.00	\$112,000.00	\$4,280.00	\$59,920.00	\$8,900.00	\$124,600.00
12	REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE TYPE "E" INLET, OPEN ALL SIDES, ALL DEPTHS, INCLUDES ADJUSTMENT, INCLUDES INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	5	\$8,000.00	\$40,000.00	\$3,630.00	\$18,150.00	\$3,000.00	\$15,000.00
13	STAGE I – REINFORCED CONCRETE PRECAST INLET, TYPE "H-2", ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	12	\$1,078.00	\$12,936.00	\$1,120.00	\$13,440.00	\$1,200.00	\$14,400.00
14	STAGE II – REINFORCED CONCRETE PRECAST INLET, TYPE "H-2", ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE II INLETS, COMPLETE IN PLACE	EA	12	\$1,518.00	\$18,216.00	\$1,955.00	\$23,460.00	\$2,400.00	\$28,800.00
15	STAGE I – REINFORCED CONCRETE PRECAST INLET, TYPE "C-1", ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$1,278.00	\$7,668.00	\$1,200.00	\$7,200.00	\$1,600.00	\$9,600.00
16	STAGE II – REINFORCED CONCRETE PRECAST INLET, TYPE "C-1", 10 FOOT MINIMUM OPENING, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE II INLETS, COMPLETE IN PLACE	EA	6	\$2,138.00	\$12,828.00	\$2,570.00	\$15,420.00	\$2,750.00	\$16,500.00
17	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDES 18" TOE WALL ON ALL SIDES, COMPLETE IN PLACE	SY	277	\$80.00	\$22,160.00	\$110.25	\$30,539.25	\$105.00	\$29,085.00
18	18" THICK RIP RAP GRADATION NO. 2, INCLUDES GEOTEXTILE FABRIC OF MIRAFI-600 OR APPROVED EQUAL, COMPLETE IN PLACE	SY	189	\$85.00	\$16,065.00	\$88.00	\$16,632.00	\$119.00	\$22,491.00
19	8" THICK BRICK PLUG TO BE INSTALLED ON RCP STORM SEWER, 24" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$48.00	\$48.00	\$250.00	\$250.00	\$600.00	\$600.00
20	8" THICK BRICK PLUG TO BE INSTALLED ON RCP STORM SEWER, 30" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$60.00	\$120.00	\$260.00	\$520.00	\$600.00	\$1,200.00
21	8" THICK BRICK PLUG TO BE INSTALLED ON RCP STORM SEWER, 48" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$84.00	\$84.00	\$385.00	\$385.00	\$600.00	\$600.00
22	REESTABLISHMENT OF EXISTING CHANNEL SIDE SLOPES AND BACKSLOPE SWALES AFTER OUTFALL CONSTRUCTION, INCLUDES DESILTING, DEMUCKING, STRIPPING	EA	2	\$800.00	\$1,600.00	\$2,750.00	\$5,500.00	\$1,900.00	\$3,800.00
23	REESTABLISHMENT OF EXISTING BANANA CHANNEL SIDE SLOPES, INCLUDES DESILTING, DEMUCKING, STRIPPING	EA	1	\$800.00	\$800.00	\$2,750.00	\$2,750.00	\$1,900.00	\$1,900.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
24	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3194	\$0.08	\$255.52	\$0.10	\$319.40	\$0.10	\$319.40
25	GRASS-LINE SWALE, MAXIMUM 4:1 SIDES SLOPE, VARYING % SLOPE, TO INCLUDE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE IN PLACE	LF	129	\$3.88	\$500.52	\$11.00	\$1,419.00	\$9.00	\$1,161.00
DRAINAGE FACILITIES ITEMS – PECAN KNOLL DRIVE PHASE 3 SUBTOTAL:					\$1,078,814.46		\$1,053,444.40		\$1,155,588.40
MISCELLANEOUS WS&D ITEMS – PECAN KNOLL DRIVE PHASE 3									
1	REINFORCED FILTER FABRIC FENCE, TO BE USED AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LF	7598	\$1.50	\$11,397.00	\$1.50	\$11,397.00	\$1.50	\$11,397.00
2	CEMENT STABILIZED SAND, 1.5 SACKS OF CEMENT PER CUBIC YARD OF MIX, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	TON	1	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
3	CEMENT STABILIZED SAND, 2.0 SACKS OF CEMENT PER CUBIC YARD OF MIX, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
4	ADDITIONAL DUCTILE IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
5	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, INCLUDING STREET SWEEPING AND CONCRETE WASHOUT, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00	\$1,925.00	\$1,925.00	\$1,100.00	\$1,100.00
6	CONSTRUCT, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00	\$1,925.00	\$1,925.00	\$1,500.00	\$1,500.00
7	CONCRETE TRUCK WASH OUT STATION, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	1	\$88.00	\$88.00	\$100.00	\$100.00	\$400.00	\$400.00
8	TYPE 3 ROCK FILTER DAM (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$8.00	\$8.00	\$1,650.00	\$1,650.00	\$2,000.00	\$2,000.00
9	DRY APPLICATION SEEDING, TO BE USED ON POND AND CHANNEL SLOPE AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	AC	1	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
10	HYDROMULCH SEEDING OF SWALES AND SLOPES, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
11	BROADCAST SEEDING, TO BE USED AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	AC	1	\$650.00	\$650.00	\$650.00	\$650.00	\$650.00	\$650.00
12	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES HAULING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	LS	1	\$1,800.00	\$1,800.00	\$33,838.00	\$33,838.00	\$8,000.00	\$8,000.00
13	ADDITIONAL COST TO HAUL UTILITY SPOILS OFF-SITE BUT WITHIN DEVELOPMENT, NO MORE THAN 3,500 FT (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, EMBANKMENT, AND REAPPLYING OF STRIPPINGS TO FINAL GRADED AREA, COMPLETE IN PLACE	CY	1000	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$4.50	\$4,500.00
14	SURFACE WATER CONTROL, INCLUDES PUMPING REQUIRED TO CONSTRUCT PROPOSED PROJECT, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$0.02	\$0.02	\$100.00	\$100.00	\$10,000.00	\$10,000.00
15	DEWATERING INCLUDES CONVENTIONAL VACUUM-TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1800	\$20.00	\$36,000.00	\$20.00	\$36,000.00	\$20.00	\$36,000.00

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES,
 AND PAVING AND APPURTENANCES TO SERVE PECAN KNOLL DRIVE PHASE III
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 175
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 MARCH 12, 2024
 LJA ENGINEERING, INC.
 A. OTTO
 MARCH 12, 2024
 2085-3009D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) TEXAS KB UTILITIES, LLC		3) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
16	ADDITIONAL COST FOR BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (WET SAND), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1800	\$20.00	\$36,000.00	\$20.00	\$36,000.00	\$20.00	\$36,000.00
17	CITY OF FULSHEAR INSPECTION FEE (1% TOTAL CONSTRUCTION COST OF WS&D FACILITIES)	LS	1	\$19,328.80	\$19,328.80	\$19,690.00	\$19,690.00	\$19,000.00	\$19,000.00
MISCELLANEOUS WS&D ITEMS – PECAN KNOLL DRIVE PHASE 3 SUBTOTAL:					\$111,911.82		\$149,815.00		\$136,087.00
PAVING ITEMS – PECAN KNOLL DRIVE PHASE 3									
1	ROADWAY EXCAVATION, INCLUDES STRIPPINGS, STOCKPILING OF STRIPPINGS, AND REAPPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2000	\$1.98	\$3,960.00	\$5.05	\$10,100.00	\$2.50	\$5,000.00
2	ROADWAY EMBANKMENT, INCLUDES HAULING OFF TO FILL AREA, STRIPPINGS, STOCKPILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, FINAL GRADING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2000	\$1.98	\$3,960.00	\$5.05	\$10,100.00	\$2.50	\$5,000.00
3	7-INCH REINFORCED CONCRETE PAVEMENT, (MIN 3,500 PSI COMPRESSIVE STRENGTH/ 5.5 SACK), COMPLETE IN PLACE	SY	14150	\$52.88	\$748,252.00	\$59.10	\$836,265.00	\$60.00	\$849,000.00
4	8" LIME/FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	15609	\$2.98	\$46,514.82	\$4.05	\$63,216.45	\$4.00	\$62,436.00
5	HYDRATED LIME FOR SUBGRADE, (3% BY DRY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	155	\$328.00	\$50,840.00	\$343.40	\$53,227.00	\$340.00	\$52,700.00
6	FLY ASH FOR STABILIZED SUBGRADE (7% BY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	331	\$148.00	\$48,988.00	\$126.25	\$41,788.75	\$145.00	\$47,995.00
7	6-INCH REINFORCED CONCRETE CURB (3,500 PSI), COMPLETE IN PLACE	LF	6683	\$3.88	\$25,930.04	\$3.80	\$25,395.40	\$4.00	\$26,732.00
8	4" X 12" REINFORCED CONCRETE CURB (3,500 PSI), COMPLETE IN PLACE	LF	337	\$3.88	\$1,307.56	\$3.80	\$1,280.60	\$4.00	\$1,348.00
9	TEMPORARY TRAFFIC CONTROL DEVICES (INCLUDING ALL TRAFFIC BUTTONS, PAVEMENT STRIPING, STREET SIGNS, AND TRAFFIC SIGNS, COMPLETE IN PLACE	LS	1	\$0.08	\$0.08	\$5,050.00	\$5,050.00	\$5,000.00	\$5,000.00
10	PERMANENT TRAFFIC CONTROL DEVICES (INCLUDING ALL TRAFFIC BUTTONS, PAVEMENT STRIPING, STREET SIGNS, AND TRAFFIC SIGNS) COMPLETE IN PLACE	LS	1	\$24,000.00	\$24,000.00	\$37,875.00	\$37,875.00	\$23,500.00	\$23,500.00
11	PAVEMENT HEADER, COMPLETE IN PLACE	LF	409	\$28.00	\$11,452.00	\$30.30	\$12,392.70	\$21.00	\$8,589.00
12	PROPOSED TYPE III BARRICADE, COMPLETE IN PLACE	EA	11	\$100.00	\$1,100.00	\$1,363.50	\$14,998.50	\$1,300.00	\$14,300.00
13	REMOVAL AND DISPOSAL OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$0.01	\$0.02	\$101.00	\$202.00	\$1.00	\$2.00
14	CONNECTION TO EXISTING 7-INCH CONCRETE PAVEMENT, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$2,020.00	\$2,020.00	\$2,500.00	\$2,500.00
15	TYPE 7 ADA RAMPS, COMPLETE IN PLACE	EA	20	\$1,488.00	\$29,760.00	\$1,464.50	\$29,290.00	\$1,850.00	\$37,000.00
16	DOUBLE REFLECTORIZED BLUE FIRE HYDRANT BUTTONS, COMPLETE IN PLACE	EA	6	\$18.00	\$108.00	\$20.20	\$121.20	\$16.00	\$96.00
17	FINAL ROADWAY AND RESERVE GRADING, COMPLETE IN PLACE	LS	1	\$18,000.00	\$18,000.00	\$10,026.40	\$10,026.40	\$3,600.00	\$3,600.00
18	6-INCH SCHEDULED 40 PVC IRRIGATION SLEEVES (HORIZONTAL SLEEVE ONLY), NO SEPARATE PAY FOR VERTICAL SLEEVE, COMPLETE IN PLACE	LF	215	\$32.88	\$7,069.20	\$38.40	\$8,256.00	\$42.00	\$9,030.00
PAVING ITEMS – PECAN KNOLL DRIVE PHASE 3 SUBTOTAL:					\$1,022,041.72		\$1,161,605.00		\$1,153,828.00

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CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES,
AND PAVING AND APPURTENANCES TO SERVE PECAN KNOLL DRIVE PHASE III
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 175
CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
MARCH 12, 2024
LJA ENGINEERING, INC.
A. OTTO
MARCH 12, 2024
2085-3009D (9.2)

				1) HURTADO CONSTRUCTION COMPANY		2) TEXAS KB UTILITIES, LLC		3) R CONSTRUCTION CIVIL, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
MISCELLANEOUS PAVING ITEMS – PECAN KNOLL DRIVE PHASE 3									
1	CEMENT STABILIZED SAND, 1.5 SACKS OF CEMENT PER CUBIC YARD OF MIX, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	TON	1	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
2	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, INCLUDING STREET SWEEPING AND CONCRETE WASHOUT, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00	\$1,925.00	\$1,925.00	\$1,100.00	\$1,100.00
3	DRY APPLICATION SEEDING, TO BE USED ON POND AND CHANNEL SLOPE AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	AC	1	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
4	HYDROMULCH SEEDING OF SWALES AND SLOPES, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
5	BROADCAST SEEDING, TO BE USED AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	AC	1	\$650.00	\$650.00	\$650.00	\$650.00	\$650.00	\$650.00
6	CITY OF FULSHEAR INSPECTION FEE (1% TOTAL CONSTRUCTION COST OF CONSTRUCTION AMOUNT)	LS	1	\$10,200.12	\$10,200.12	\$11,800.00	\$11,800.00	\$11,000.00	\$11,000.00
MISCELLANEOUS PAVING ITEMS – PECAN KNOLL DRIVE PHASE 3 SUBTOTAL:					\$14,170.12		\$18,395.00		\$16,770.00
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS – PECAN KNOLL DRIVE PHASE 3					\$391,537.72		\$389,539.10		\$483,119.90
SUBTOTAL SANITARY SEWER ITEMS – PECAN KNOLL DRIVE PHASE 3					\$350,288.02		\$376,201.50		\$342,842.50
SUBTOTAL DRAINAGE FACILITIES ITEMS – PECAN KNOLL DRIVE PHASE 3					\$1,078,814.46		\$1,053,444.40		\$1,155,588.40
SUBTOTAL MISCELLANEOUS WS&D ITEMS – PECAN KNOLL DRIVE PHASE 3					\$111,911.82		\$149,815.00		\$136,087.00
SUBTOTAL PAVING ITEMS – PECAN KNOLL DRIVE PHASE 3					\$1,022,041.72		\$1,161,605.00		\$1,153,828.00
SUBTOTAL MISCELLANEOUS PAVING ITEMS – PECAN KNOLL DRIVE PHASE 3					\$14,170.12		\$18,395.00		\$16,770.00
TOTAL AMOUNT BASE BID					\$2,968,763.86		\$3,149,000.00		\$3,288,235.80

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES,
AND PAVING AND APPURTENANCES TO SERVE PECAN KNOLL DRIVE PHASE III
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 175
CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
MARCH 12, 2024
LJA ENGINEERING, INC.
A. OTTO
MARCH 12, 2024
2085-3009D (9.2)

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

4) CE BARKER LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER ITEMS – PECAN KNOLL DRIVE PHASE 3					
1	16" PVC WATERLINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, MIN. 20 GA COPPER TRACER WIRE, REDUCERS, THRUST BLOCKS AND CONNECTORS ETC.), BLUE IN COLOR, COMPLETE IN PLACE	LF	301	\$80.00	\$24,080.00
2	12" PVC WATERLINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, MIN. 20 GA COPPER TRACER WIRE, REDUCERS, THRUST BLOCKS AND CONNECTORS ETC.), BLUE IN COLOR, COMPLETE IN PLACE	LF	2577	\$60.00	\$154,620.00
3	8" PVC WATERLINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, MIN. 20 GA COPPER TRACER WIRE, REDUCERS, THRUST BLOCKS AND CONNECTORS ETC.), BLUE IN COLOR, COMPLETE IN PLACE	LF	631	\$38.00	\$23,978.00
4	16" PVC RESTRAINED JOINT WATERLINE, C-900, DR 14, CLASS 305, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, MIN. 20 GA COPPER TRACER WIRE, REDUCERS, THRUST BLOCKS AND CONNECTORS ETC.), BLUE IN COLOR, COMPLETE IN PLACE	LF	16	\$350.00	\$5,600.00
5	12" PVC RESTRAINED JOINT WATERLINE, C-900, DR 14, CLASS 305, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, MIN. 20 GA COPPER TRACER WIRE, REDUCERS, THRUST BLOCKS AND CONNECTORS ETC.), BLUE IN COLOR, COMPLETE IN PLACE	LF	47	\$150.00	\$7,050.00
6	12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$3,600.00	\$39,600.00
7	8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$2,100.00	\$16,800.00
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE AND RESTRAINED JOINT FITTINGS, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, THRUST BLOCKS, BLIND FLANGES, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	6	\$7,000.00	\$42,000.00
9	16" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,200.00	\$2,200.00
10	12" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,750.00	\$7,000.00
11	8" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$1,600.00	\$11,200.00
12	CONNECT PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE, INCLUDES REMOVING EXISTING PLUG AND CLAMP AND VALVE AND ALL NECESSARY ADAPTORS AND CONNECTIONS, WET CONNECTION, COMPLETE IN PLACE	EA	1	\$1,250.00	\$1,250.00
13	BORE AND JACK 24" PVC CASE PIPE FOR 16" WATERLINE UNDER KINDER MORGAN PIPELINE EASEMENT, INCLUDES COST OF PVC CASE PIPE AND APPURTENANCES, COMPLETE IN PLACE	LF	100	\$350.00	\$35,000.00
14	BORE AND JACK 20" PVC CASE PIPE FOR 12" WATERLINE UNDER KINDER MORGAN PIPELINE EASEMENT, INCLUDES COST OF PVC CASE PIPE AND APPURTENANCES, COMPLETE IN PLACE	LF	100	\$300.00	\$30,000.00
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3309	\$0.01	\$33.09

WATER ITEMS – PECAN KNOLL DRIVE PHASE 3 SUBTOTAL:

\$400,411.09

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES,
AND PAVING AND APPURTENANCES TO SERVE PECAN KNOLL DRIVE PHASE III
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 175
CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
MARCH 12, 2024
LJA ENGINEERING, INC.
A. OTTO
MARCH 12, 2024
2085-3009D (9.2)

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

4) CE BARKER LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
SANITARY SEWER ITEMS – PECAN KNOLL DRIVE PHASE 3					
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, PR 115, 0' - 8' CUT, INCLUDES BEDDING AND BACKFILL, GREEN IN COLOR, COMPLETE IN PLACE	LF	118	\$60.00	\$7,080.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, PR 115, 8' - 12' CUT, INCLUDES BEDDING AND BACKFILL, GREEN IN COLOR, COMPLETE IN PLACE	LF	766	\$65.00	\$49,790.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, PR 115, 12' - 16' CUT, TO INCLUDES BEDDING AND BACKFILL, GREEN IN COLOR, COMPLETE IN PLACE	LF	163	\$70.00	\$11,410.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, PR 115, 16' - 20' CUT, TO INCLUDES BEDDING AND BACKFILL, GREEN IN COLOR, COMPLETE IN PLACE	LF	632	\$75.00	\$47,400.00
5	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, PR 115, OVER - 20' CUT, TO INCLUDES BEDDING AND BACKFILL, GREEN IN COLOR, COMPLETE IN PLACE	LF	307	\$85.00	\$26,095.00
6	8" PVC SANITARY FORCE MAIN PIPE, C-900, DR-18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, TRACER WIRE AND CONNECTORS, THRUST BLOCKS, REDUCERS, ETC.) GREEN IN COLOR, COMPLETE IN PLACE	LF	2557	\$68.00	\$173,876.00
7	8" PVC RESTRAINED JOINT FORCE MAIN PIPE, C-900, DR 14, CLASS 305, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, ALL FITTINGS (TEES, BENDS, MIN. 20 GA COPPER TRACER WIRE, REDUCERS, THRUST BLOCKS AND CONNECTORS ETC.), BLUE IN COLOR, COMPLETE IN PLACE	LF	32	\$175.00	\$5,600.00
8	8" PLUG AND CLAMP, ALL DEPTHS, INCLUDES MARKER, COMPLETE IN PLACE	EA	1	\$650.00	\$650.00
9	CONNECT PROPOSED 8" FORCE MAIN TO EXISTING 8" FORCE MAIN, INCLUDES REMOVING EXISTING PLUG AND CLAMP AND CONNECTING 8" FORCEMAIN, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00
10	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6" – 24" SANITARY SEWER PIPES, INCLUDES INFLOW PROTECTOR, COMPLETE IN PLACE	EA	18	\$3,000.00	\$54,000.00
11	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, (GREATER THAN 8' DEPTH), COMPLETE IN PLACE	VF	142	\$250.00	\$35,500.00
12	STANDARD SANITARY SEWER MANHOLE DROP, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00
13	SANITARY MANHOLE DROP EXTRA DEPTH, (OVER 3'), COMPLETE IN PLACE	VF	10	\$100.00	\$1,000.00
14	BORE AND JACK 16" PVC CASE PIPE FOR 8" FORCEMAIN UNDER KINDER MORGAN PIPELINE EASEMENT, INCLUDES COST OF PVC CASE PIPE AND APPURTENANCES, COMPLETE IN PLACE	LF	100	\$285.00	\$28,500.00
15	SANITARY SEWER PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$250.00	\$500.00
16	REMOVE EXISTING SANITARY SEWER PLUG AND INSTALL PROPOSED SANITARY SEWER MANHOLE, ALL SIZES AND DEPTH, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00
17	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4475	\$0.01	\$44.75
18	TV INSPECTION FOR SANITARY SEWERS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1986	\$0.01	\$19.86
SANITARY SEWER ITEMS – PECAN KNOLL DRIVE PHASE 3 SUBTOTAL:					\$449,965.61
DRAINAGE FACILITIES ITEMS – PECAN KNOLL DRIVE PHASE 3					
1	24" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	1209	\$93.00	\$112,437.00
2	30" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	215	\$120.00	\$25,800.00

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AND PAVING AND APPURTENANCES TO SERVE PECAN KNOLL DRIVE PHASE III
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 175
CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
MARCH 12, 2024
LJA ENGINEERING, INC.
A. OTTO
MARCH 12, 2024
2085-3009D (9.2)

BID OPENING DATE:
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LJA JOB NO.

4) CE BARKER LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
3	36" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	38	\$165.00	\$6,270.00
4	42" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	158	\$215.00	\$33,970.00
5	48" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	370	\$250.00	\$92,500.00
6	54" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	170	\$355.00	\$60,350.00
7	60" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	313	\$420.00	\$131,460.00
8	66" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	86	\$565.00	\$48,590.00
9	72" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	635	\$655.00	\$415,925.00
10	REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	8	\$3,100.00	\$24,800.00
11	REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	14	\$12,000.00	\$168,000.00
12	REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE TYPE "E" INLET, OPEN ALL SIDES, ALL DEPTHS, INCLUDES ADJUSTMENT, INCLUDES INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	5	\$3,500.00	\$17,500.00
13	STAGE I – REINFORCED CONCRETE PRECAST INLET, TYPE "H-2", ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	12	\$1,900.00	\$22,800.00
14	STAGE II – REINFORCED CONCRETE PRECAST INLET, TYPE "H-2", ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE II INLETS, COMPLETE IN PLACE	EA	12	\$1,500.00	\$18,000.00
15	STAGE I – REINFORCED CONCRETE PRECAST INLET, TYPE "C-1", ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$3,400.00	\$20,400.00
16	STAGE II – REINFORCED CONCRETE PRECAST INLET, TYPE "C-1", 10 FOOT MINIMUM OPENING, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE II INLETS, COMPLETE IN PLACE	EA	6	\$1,900.00	\$11,400.00
17	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDES 18" TOE WALL ON ALL SIDES, COMPLETE IN PLACE	SY	277	\$85.00	\$23,545.00
18	18" THICK RIP RAP GRADATION NO. 2, INCLUDES GEOTEXTILE FABRIC OF MIRAFI- 600 OR APPROVED EQUAL, COMPLETE IN PLACE	SY	189	\$100.00	\$18,900.00
19	8" THICK BRICK PLUG TO BE INSTALLED ON RCP STORM SEWER, 24" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00
20	8" THICK BRICK PLUG TO BE INSTALLED ON RCP STORM SEWER, 30" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$250.00	\$500.00
21	8" THICK BRICK PLUG TO BE INSTALLED ON RCP STORM SEWER, 48" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00
22	REESTABLISHMENT OF EXISTING CHANNEL SIDE SLOPES AND BACKSLOPE SWALES AFTER OUTFALL CONSTRUCTION, INCLUDES DESILTING, DEMUCKING, STRIPPING	EA	2	\$3,000.00	\$6,000.00
23	REESTABLISHMENT OF EXISTING BANANA CHANNEL SIDE SLOPES, INCLUDES DESILTING, DEMUCKING, STRIPPING	EA	1	\$3,000.00	\$3,000.00

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES,
AND PAVING AND APPURTENANCES TO SERVE PECAN KNOLL DRIVE PHASE III
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 175
CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
MARCH 12, 2024
LJA ENGINEERING, INC.
A. OTTO
MARCH 12, 2024
2085-3009D (9.2)

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

4) CE BARKER LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
24	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3194	\$0.01	\$31.94
25	GRASS-LINE SWALE, MAXIMUM 4:1 SIDES SLOPE, VARYING % SLOPE, TO INCLUDE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE IN PLACE	LF	129	\$18.00	\$2,322.00

DRAINAGE FACILITIES ITEMS – PECAN KNOLL DRIVE PHASE 3 SUBTOTAL: \$1,265,000.94

MISCELLANEOUS WS&D ITEMS – PECAN KNOLL DRIVE PHASE 3

1	REINFORCED FILTER FABRIC FENCE, TO BE USED AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LF	7598	\$1.50	\$11,397.00
2	CEMENT STABILIZED SAND, 1.5 SACKS OF CEMENT PER CUBIC YARD OF MIX, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	TON	1	\$100.00	\$100.00
3	CEMENT STABILIZED SAND, 2.0 SACKS OF CEMENT PER CUBIC YARD OF MIX, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$100.00	\$100.00
4	ADDITIONAL DUCTILE IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$1,500.00	\$1,500.00
5	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, INCLUDING STREET SWEEPING AND CONCRETE WASHOUT, COMPLETE IN PLACE	LS	1	\$300.00	\$300.00
6	CONSTRUCT, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$2,400.00	\$2,400.00
7	CONCRETE TRUCK WASH OUT STATION, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00
8	TYPE 3 ROCK FILTER DAM (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00
9	DRY APPLICATION SEEDING, TO BE USED ON POND AND CHANNEL SLOPE AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	AC	1	\$2,200.00	\$2,200.00
10	HYDROMULCH SEEDING OF SWALES AND SLOPES, COMPLETE IN PLACE	AC	1	\$1,850.00	\$1,850.00
11	BROADCAST SEEDING, TO BE USED AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	AC	1	\$650.00	\$650.00
12	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES HAULING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	LS	1	\$8,785.00	\$8,785.00
13	ADDITIONAL COST TO HAUL UTILITY SPOILS OFF-SITE BUT WITHIN DEVELOPMENT, NO MORE THAN 3,500 FT (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, EMBANKMENT, AND REAPPLYING OF STRIPPINGS TO FINAL GRADED AREA, COMPLETE IN PLACE	CY	1000	\$15.00	\$15,000.00
14	SURFACE WATER CONTROL, INCLUDES PUMPING REQUIRED TO CONSTRUCT PROPOSED PROJECT, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00
15	DEWATERING INCLUDES CONVENTIONAL VACUUM-TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1800	\$20.00	\$36,000.00

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FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 175
CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
MARCH 12, 2024
LJA ENGINEERING, INC.
A. OTTO
MARCH 12, 2024
2085-3009D (9.2)

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4) CE BARKER LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
16	ADDITIONAL COST FOR BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (WET SAND), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1800	\$20.00	\$36,000.00
17	CITY OF FULSHEAR INSPECTION FEE (1% TOTAL CONSTRUCTION COST OF WS&D FACILITIES)	LS	1	\$22,000.00	\$22,000.00

MISCELLANEOUS WS&D ITEMS – PECAN KNOLL DRIVE PHASE 3 SUBTOTAL:

\$144,782.00

PAVING ITEMS – PECAN KNOLL DRIVE PHASE 3

1	ROADWAY EXCAVATION, INCLUDES STRIPPINGS, STOCKPILING OF STRIPPINGS, AND REAPPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2000	\$3.00	\$6,000.00
2	ROADWAY EMBANKMENT, INCLUDES HAULING OFF TO FILL AREA, STRIPPINGS, STOCKPILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, FINAL GRADING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2000	\$3.00	\$6,000.00
3	7-INCH REINFORCED CONCRETE PAVEMENT, (MIN 3,500 PSI COMPRESSIVE STRENGTH/ 5.5 SACK), COMPLETE IN PLACE	SY	14150	\$54.00	\$764,100.00
4	8" LIME/FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	15609	\$4.00	\$62,436.00
5	HYDRATED LIME FOR SUBGRADE, (3% BY DRY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	155	\$385.00	\$59,675.00
6	FLY ASH FOR STABILIZED SUBGRADE (7% BY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	331	\$200.00	\$66,200.00
7	6-INCH REINFORCED CONCRETE CURB (3,500 PSI), COMPLETE IN PLACE	LF	6683	\$3.75	\$25,061.25
8	4" X 12" REINFORCED CONCRETE CURB (3,500 PSI), COMPLETE IN PLACE	LF	337	\$3.75	\$1,263.75
9	TEMPORARY TRAFFIC CONTROL DEVICES (INCLUDING ALL TRAFFIC BUTTONS, PAVEMENT STRIPING, STREET SIGNS, AND TRAFFIC SIGNS, COMPLETE IN PLACE	LS	1	\$250.00	\$250.00
10	PERMANENT TRAFFIC CONTROL DEVICES (INCLUDING ALL TRAFFIC BUTTONS, PAVEMENT STRIPING, STREET SIGNS, AND TRAFFIC SIGNS) COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00
11	PAVEMENT HEADER, COMPLETE IN PLACE	LF	409	\$30.00	\$12,270.00
12	PROPOSED TYPE III BARRICADE, COMPLETE IN PLACE	EA	11	\$700.00	\$7,700.00
13	REMOVAL AND DISPOSAL OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$350.00	\$700.00
14	CONNECTION TO EXISTING 7-INCH CONCRETE PAVEMENT, COMPLETE IN PLACE	EA	1	\$2,300.00	\$2,300.00
15	TYPE 7 ADA RAMPS, COMPLETE IN PLACE	EA	20	\$1,700.00	\$34,000.00
16	DOUBLE REFLECTORIZED BLUE FIRE HYDRANT BUTTONS, COMPLETE IN PLACE	EA	6	\$15.00	\$90.00
17	FINAL ROADWAY AND RESERVE GRADING, COMPLETE IN PLACE	LS	1	\$30,000.00	\$30,000.00
18	6-INCH SCHEDULED 40 PVC IRRIGATION SLEEVES (HORIZONTAL SLEEVE ONLY), NO SEPARATE PAY FOR VERTICAL SLEEVE, COMPLETE IN PLACE	LF	215	\$35.00	\$7,525.00

PAVING ITEMS – PECAN KNOLL DRIVE PHASE 3 SUBTOTAL:

\$1,105,571.00

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4) CE BARKER LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
MISCELLANEOUS PAVING ITEMS – PECAN KNOLL DRIVE PHASE 3					
1	CEMENT STABILIZED SAND, 1.5 SACKS OF CEMENT PER CUBIC YARD OF MIX, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	TON	1	\$20.00	\$20.00
2	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, INCLUDING STREET SWEEPING AND CONCRETE WASHOUT, COMPLETE IN PLACE	LS	1	\$250.00	\$250.00
3	DRY APPLICATION SEEDING, TO BE USED ON POND AND CHANNEL SLOPE AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	AC	1	\$2,200.00	\$2,200.00
4	HYDROMULCH SEEDING OF SWALES AND SLOPES, COMPLETE IN PLACE	AC	1	\$1,850.00	\$1,850.00
5	BROADCAST SEEDING, TO BE USED AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	AC	1	\$650.00	\$650.00
6	CITY OF FULSHEAR INSPECTION FEE (1% TOTAL CONSTRUCTION COST OF CONSTRUCTION AMOUNT)	LS	1	\$11,000.00	\$11,000.00

MISCELLANEOUS PAVING ITEMS – PECAN KNOLL DRIVE PHASE 3 SUBTOTAL: **\$15,970.00**

BIDDING SUMMARY

SUBTOTAL WATER ITEMS – PECAN KNOLL DRIVE PHASE 3	\$400,411.09
SUBTOTAL SANITARY SEWER ITEMS – PECAN KNOLL DRIVE PHASE 3	\$449,965.61
SUBTOTAL DRAINAGE FACILITIES ITEMS – PECAN KNOLL DRIVE PHASE 3	\$1,265,000.94
SUBTOTAL MISCELLANEOUS WS&D ITEMS – PECAN KNOLL DRIVE PHASE 3	\$144,782.00
SUBTOTAL PAVING ITEMS – PECAN KNOLL DRIVE PHASE 3	\$1,105,571.00
SUBTOTAL MISCELLANEOUS PAVING ITEMS – PECAN KNOLL DRIVE PHASE 3	\$15,970.00
TOTAL AMOUNT BASE BID	\$3,381,700.64