

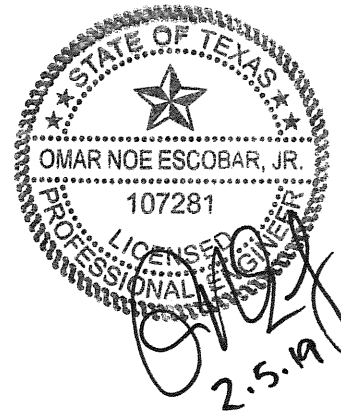
BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
TO SERVE MAGNOLIA RIDGE SECTION 1
MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 108
CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
FEBRUARY 5, 2019
LJA ENGINEERING, INC.
B. ALVAREZ
FEBRUARY 5, 2019
JOB NUMBER 2025-1321D (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT
1) CROSTEX CONSTRUCTION, INC.	\$932,000.00
2) FELLERS & CLARK, LP	\$933,950.00
3) CLEARWATER UTILITIES, INC.	\$936,881.45 *
4) BLAZEY CONSTRUCTION SEVICES, LLC	\$986,000.00 *
5) SENDERO INDUSTRIES, LLC	\$990,924.49
6) C.E. BARKER, LTD.	\$1,025,588.45
7) KENNETH LAMB CONSTRUCTION CO., LTD.	\$1,067,601.75
8) PRINCIPAL SERVICES, LTD.	\$1,158,940.15

CALENDAR DAYS - 25/30



I, Noe Escobar, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) FELLERS & CLARK, LP		3) CLEARWATER UTILITIES, INC.		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
WATER ITEMS									
1. 8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,836	\$19.25	\$35,343.00	\$21.20	\$38,923.20	\$21.00	\$38,556.00	
2. 8" RESTRAINED JOINT PVC WATER PIPE, C-900, DR-14, ALL DEPTHS, TO INCLUDE BEDDING, BACKFILL AND FITTINGS, COMPLETE IN PLACE	LF	15	\$52.00	\$780.00	\$71.55	\$1,073.25	\$60.00	\$900.00	
3. TRENCHLESS CONSTRUCTION OF 8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE 8" PVC WATER PIPE, FITTINGS, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	64	\$70.00	\$4,480.00	\$75.25	\$4,816.00	\$128.00	\$8,192.00	
4. FIRE HYDRANT UNIT, ALL DEPTHS, TO INCLUDE APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$3,700.00	\$14,800.00	\$4,090.00	\$16,360.00	\$4,407.00	\$17,628.00	
5. 8" AWWA GATE VALVE & BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	4	\$1,100.00	\$4,400.00	\$1,270.00	\$5,080.00	\$1,519.00	\$6,076.00	
6. 8" X 8" TAPPING SLEEVE AND VALVE, TO INCLUDE CONNECTION OF PROPOSED 8" WATERLINE, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$4,595.00	\$4,595.00	\$3,755.00	\$3,755.00	
7. 12" X 8" TAPPING SLEEVE AND VALVE, TO INCLUDE CONNECTION OF PROPOSED 8" WATERLINE, COMPLETE IN PLACE	EA	2	\$6,500.00	\$13,000.00	\$5,960.00	\$11,920.00	\$4,024.00	\$8,048.00	
8. ADDITIONAL CAST 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	389	\$3.50	\$1,361.50	\$5.45	\$2,120.05	\$6.00	\$2,334.00	
10. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,673	\$1.25	\$2,091.25	\$0.10	\$167.30	\$0.15	\$250.95	
11. SHORT SIDE SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9) WATER SERVICE, INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, MARKER AND ALL NECESSARY CONNECTORS, PLUGS AND TAPS, COMPLETE IN PLACE	EA	17	\$540.00	\$9,180.00	\$625.00	\$10,625.00	\$579.00	\$9,843.00	
12. LONG SIDE SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9) WATER SERVICE, INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, MARKER AND ALL NECESSARY CONNECTORS, PLUGS AND TAPS, COMPLETE IN PLACE	EA	25	\$1,385.00	\$34,625.00	\$1,540.00	\$38,500.00	\$1,444.00	\$36,100.00	
SUBTOTAL WATER ITEMS				\$126,060.75		\$135,179.80		\$132,682.95	
SANITARY SEWER ITEMS									
1. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,159	\$22.75	\$26,367.25	\$46.55	\$53,951.45	\$38.00	\$44,042.00	
2. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	546	\$28.25	\$15,424.50	\$46.55	\$25,416.30	\$40.00	\$21,840.00	
3. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16'-20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	266	\$38.50	\$10,241.00	\$46.55	\$12,382.30	\$43.00	\$11,438.00	
4. 8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	8	\$25.00	\$200.00	\$50.00	\$400.00	\$40.00	\$320.00	
5. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,971	\$1.25	\$2,463.75	\$0.10	\$197.10	\$0.15	\$295.65	

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) FELLERS & CLARK, LP		3) CLEARWATER UTILITIES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	TRENCHLESS CONSTRUCTION OF 8" PVC SEWER PIPE, ASTM D-2241, SDR 26, TO INCLUDE 8" PVC SEWER PIPE, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	116	\$85.00	\$9,860.00	\$77.65	\$9,007.40	\$79.00	\$9,164.00
7.	TRENCHLESS CONSTRUCTION OF 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, TO INCLUDE 8" PVC SEWER PIPE, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	52	\$85.00	\$4,420.00	\$77.65	\$4,037.80	\$128.00	\$6,656.00
8.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), TO INCLUDE STAINLESS STEEL INFLOW PROTECTORS, COMPLETE IN PLACE	EA	15	\$2,350.00	\$35,250.00	\$2,120.00	\$31,800.00	\$2,706.00	\$40,590.00
9.	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	55	\$235.00	\$12,925.00	\$124.55	\$6,850.25	\$181.00	\$9,955.00
10.	CORE INTO EXISTING SANITARY MANHOLE AND CONNECT PROPOSED SANITARY SEWER TO EXISTING SANITARY MANHOLE, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$1,305.00	\$1,305.00	\$3,907.00	\$3,907.00
11.	LONG SIDE SINGLE 6" PVC PIPE SERVICE LEADS, ASTM 2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	16	\$2,215.00	\$35,440.00	\$2,680.00	\$42,880.00	\$3,103.00	\$49,648.00
12.	SHORT SIDE SINGLE 6" PVC PIPE SERVICE LEADS, ASTM 2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	28	\$1,185.00	\$33,180.00	\$1,140.00	\$31,920.00	\$1,409.00	\$39,452.00
13.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,038	\$15.00	\$15,570.00	\$15.00	\$15,570.00	\$15.00	\$15,570.00
14.	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,038	\$25.00	\$25,950.00	\$25.00	\$25,950.00	\$25.00	\$25,950.00
15.	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	20	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$50.00	\$1,000.00
16.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	423	\$3.50	\$1,480.50	\$5.45	\$2,305.35	\$6.00	\$2,538.00
17.	REMOVE AND REPLACE EXISTING 6" CONCRETE LIFT STATION DRIVEWAY AS NECESSARY FOR CONSTRUCTION, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$5,060.00	\$5,060.00	\$7,500.00	\$7,500.00
18.	8" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	2	\$50.00	\$100.00	\$35.00	\$70.00	\$23.00	\$46.00
19.	STANDARD EXTERNAL DROP STRUCTURE, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$1,000.00	\$3,000.00	\$485.00	\$1,455.00	\$514.00	\$1,542.00
20.	REMOVE AND REPLACE STREET SIGN AS NECESSARY FOR CONSTRUCTION, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$120.00	\$120.00	\$750.00	\$750.00
21.	ADJUST EXISTING 6" FORCE MAIN AND SANITARY MANHOLE AS NECESSARY FOR CONNECTION OF PROPOSED 8" SANITARY SEWER, TO INCLUDE COORDINATION WITH CITY OPERATOR TO PAUSE OFFSITE LIFT STATION DURING CONSTRUCTION ACTIVITIES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER)	LS	1	\$3,500.00	\$3,500.00	\$5,930.00	\$5,930.00	\$4,491.00	\$4,491.00
SUBTOTAL SANITARY SEWER ITEMS					\$244,372.00		\$277,607.95		\$296,694.65
DRAINAGE FACILITIES ITEMS									

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 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) FELLERS & CLARK, LP		3) CLEARWATER UTILITIES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1.	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	877	\$58.25	\$51,085.25	\$56.60	\$49,638.20	\$54.00	\$47,358.00
2.	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	118	\$101.75	\$12,006.50	\$92.05	\$10,861.90	\$89.00	\$10,502.00
3.	48" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	96	\$158.75	\$15,240.00	\$145.65	\$13,982.40	\$139.00	\$13,344.00
4.	54" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	157	\$229.50	\$36,031.50	\$209.50	\$32,891.50	\$203.00	\$31,871.00
5.	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	341	\$270.00	\$92,070.00	\$243.00	\$82,863.00	\$234.00	\$79,794.00
6.	66" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	341	\$325.00	\$110,825.00	\$287.90	\$98,173.90	\$281.00	\$95,821.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,930	\$1.25	\$2,412.50	\$0.10	\$193.00	\$0.15	\$289.50
8.	TRENCHLESS CONSTRUCTION OF 60" RCP STORM SEWER, C-76, CLASS III, TO INCLUDE 60" RCP STORM SEWER, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	30	\$1,400.00	\$42,000.00	\$1,097.20	\$32,916.00	\$1,081.00	\$32,430.00
9.	STAGE I – TYPE "C" INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	11	\$1,800.00	\$19,800.00	\$830.00	\$9,130.00	\$1,449.00	\$15,939.00
10.	STAGE II – TYPE "C" INLET, COMPLETE IN PLACE.	EA	11	\$1,000.00	\$11,000.00	\$1,480.00	\$16,280.00	\$1,551.00	\$17,061.00
11.	SQUARE MANHOLE OR JUNCTION BOX PER CITY OF MAGNOLIA DETAIL, ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$4,250.00	\$59,500.00	\$5,125.00	\$71,750.00	\$4,239.00	\$59,346.00
12.	TYPE "X" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00	\$4,140.00	\$8,280.00	\$3,512.00	\$7,024.00
13.	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	392	\$15.00	\$5,880.00	\$15.00	\$5,880.00	\$15.00	\$5,880.00
14.	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	392	\$25.00	\$9,800.00	\$25.00	\$9,800.00	\$25.00	\$9,800.00
15.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	2,795	\$3.50	\$9,782.50	\$5.45	\$15,232.75	\$6.00	\$16,770.00
16.	BREAK INTO EXISTING MANHOLE AND CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,780.00	\$1,780.00	\$2,858.00	\$2,858.00
17.	REMOVE AND REPLACE EXISTING STORM MANHOLE AS NECESSARY FOR CONNECTION OF PROPOSED 66" RCP STORM SEWER TO EXISTING STORM SEWER SYSTEM, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$7,500.00	\$7,500.00	\$4,405.00	\$4,405.00	\$5,540.00	\$5,540.00
18.	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE ALONG BACK OF CURB AFTER LOT GRADING AND CURB ARE COMPLETE (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,271	\$1.25	\$4,088.75	\$1.25	\$4,088.75	\$1.25	\$4,088.75
19.	INSTALL AND MAINTAIN FILTER FABRIC FENCE ALONG BOUNDARY BEFORE CONSTRUCTION STARTS (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4,609	\$1.00	\$4,609.00	\$1.00	\$4,609.00	\$1.00	\$4,609.00

*Mathematical Error

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTAINING EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$1,780.00	\$1,780.00	\$2,300.00	\$2,300.00
21.	STABILIZED CONSTRUCTION EXIT AT LOCATION SHOWN ON PLANS, TO INCLUDE INSTALLATION AND REMOVAL, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
22.	STAGE II INLET PROTECTION BARRIER (4 SAND BAGS PER INLET) FOR PROPOSED AND EXISTING INLETS, COMPLETE IN PLACE	EA	18	\$50.00	\$900.00	\$60.00	\$1,080.00	\$87.00	\$1,566.00
23.	HYDROMULCH SEEDING, FINE GRADING AND WATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,250.00	\$1,250.00	\$1,000.00	\$1,000.00	\$1,575.00	\$1,575.00
24.	BROADCAST SEEDING, FERTILIZING, AND WATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	7.6	\$600.00	\$4,560.00	\$600.00	\$4,560.00	\$816.00	\$6,201.60
25.	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$120.00	\$120.00	\$875.00	\$875.00
26.	EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF GRASS-LINED EXTREME EVENT OVERFLOW SWALE WITH 10 TO 1 SIDE SLOPES, TO INCLUDE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE IN PLACE	LF	102	\$25.00	\$2,550.00	\$35.60	\$3,631.20	\$15.00	\$1,530.00
27.	EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF GRASS-LINED EXTREME EVENT OVERFLOW SWALE WITH 20 TO 1 SIDE SLOPES, TO INCLUDE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE IN PLACE	LF	50	\$40.00	\$2,000.00	\$59.30	\$2,965.00	\$15.00	\$750.00
28.	INSTALLATION, MAINTENANCE AND REMOVAL OF AIR BRIDGE MATTING AS NECESSARY FOR CROSSING OF PETROLEUM PRODUCTS PIPELINE, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$7,034.65	\$7,034.65	\$8,748.00	\$8,748.00
29.	ADDITIONAL COSTS FOR CONSTRUCTION OF UTILITIES CROSSING EXPLORER PIPELINE EASEMENT PER THEIR REQUIREMENTS ON SHEET 20, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00	\$250.00	\$250.00
30.	CITY OF MAGNOLIA INSPECTION FEE (1.7% OF TOTAL CONSTRUCTION COST)	LS	1	\$18,476.25	\$18,476.25	\$19,280.00	\$19,280.00	\$18,663.00	\$18,663.00
31.	EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF SHALLOW GRASS-LINED "V" BOTTOM DRAINAGE SWALE WITH 3 TO 1 SIDE SLOPES, TO INCLUDE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE IN PLACE	LF	920	\$10.00	\$9,200.00	\$4.30	\$3,956.00	\$3.50	\$3,220.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$561,567.25	\$521,162.25	\$507,503.85		
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$126,060.75	\$135,179.80	\$132,682.95		
SUBTOTAL SANITARY SEWER ITEMS					\$244,372.00	\$277,607.95	\$296,694.65		
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$561,567.25	\$521,162.25	\$507,503.85 *		
TOTAL AMOUNT BID					\$932,000.00	\$933,950.00	\$936,881.45 *		

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ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES, LLC		5) SENDERO INDUSTRIES, LLC		6) C.E. BARKER, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	TRENCHLESS CONSTRUCTION OF 8" PVC SEWER PIPE, ASTM D-2241, SDR 26, TO INCLUDE 8" PVC SEWER PIPE, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	116	\$85.00	\$9,860.00	\$35.00	\$4,060.00	\$85.04	\$9,864.64
7.	TRENCHLESS CONSTRUCTION OF 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, TO INCLUDE 8" PVC SEWER PIPE, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	52	\$85.00	\$4,420.00	\$35.00	\$1,820.00	\$84.80	\$4,409.60
8.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), TO INCLUDE STAINLESS STEEL INFLOW PROTECTORS, COMPLETE IN PLACE	EA	15	\$3,100.00	\$46,500.00	\$3,005.00	\$45,075.00	\$2,873.29	\$43,099.35
9.	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	55	\$190.00	\$10,450.00	\$165.00	\$9,075.00	\$221.65	\$12,190.75
10.	CORE INTO EXISTING SANITARY MANHOLE AND CONNECT PROPOSED SANITARY SEWER TO EXISTING SANITARY MANHOLE, COMPLETE IN PLACE	EA	1	\$1,400.00	\$1,400.00	\$945.00	\$945.00	\$1,482.34	\$1,482.34
11.	LONG SIDE SINGLE 6" PVC PIPE SERVICE LEADS, ASTM 2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	16	\$3,173.00	\$50,768.00	\$1,785.00	\$28,560.00	\$3,314.15	\$53,026.40
12.	SHORT SIDE SINGLE 6" PVC PIPE SERVICE LEADS, ASTM 2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	28	\$1,626.00	\$45,528.00	\$1,045.00	\$29,260.00	\$1,187.03	\$33,236.84
13.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,038	\$15.00	\$15,570.00	\$15.00	\$15,570.00	\$15.00	\$15,570.00
14.	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,038	\$25.00	\$25,950.00	\$25.00	\$25,950.00	\$25.00	\$25,950.00
15.	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	20	\$50.00	\$1,000.00 *	\$50.00	\$1,000.00	\$50.00	\$1,000.00
16.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	423	\$3.30	\$1,395.90	\$3.00	\$1,269.00	\$2.63	\$1,112.49
17.	REMOVE AND REPLACE EXISTING 6" CONCRETE LIFT STATION DRIVEWAY AS NECESSARY FOR CONSTRUCTION, COMPLETE IN PLACE	EA	1	\$11,720.00	\$11,720.00	\$9,717.00	\$9,717.00	\$4,453.83	\$4,453.83
18.	8" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$22.00	\$44.00	\$150.99	\$301.98
19.	STANDARD EXTERNAL DROP STRUCTURE, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$557.00	\$1,671.00	\$285.00	\$855.00	\$1,160.35	\$3,481.05
20.	REMOVE AND REPLACE STREET SIGN AS NECESSARY FOR CONSTRUCTION, COMPLETE IN PLACE	EA	1	\$526.00	\$526.00	\$475.00	\$475.00	\$1,003.68	\$1,003.68
21.	ADJUST EXISTING 6" FORCE MAIN AND SANITARY MANHOLE AS NECESSARY FOR CONNECTION OF PROPOSED 8" SANITARY SEWER, TO INCLUDE COORDINATION WITH CITY OPERATOR TO PAUSE OFFSITE LIFT STATION DURING CONSTRUCTION ACTIVITIES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER)	LS	1	\$3,325.00	\$3,325.00	\$3,400.00	\$3,400.00	\$6,411.01	\$6,411.01
SUBTOTAL SANITARY SEWER ITEMS					\$299,957.20 *		\$243,421.71		\$277,389.02
DRAINAGE FACILITIES ITEMS									

*Mathematical Error

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE MAGNOLIA RIDGE SECTION 1
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 108
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
 FEBRUARY 5, 2019
 LJA ENGINEERING, INC.
 B. ALVAREZ
 FEBRUARY 5, 2019
 JOB NUMBER 2025-1321D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES, LLC		5) SENDERO INDUSTRIES, LLC		6) C.E. BARKER, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1.	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	877	\$58.00	\$50,866.00	\$73.00	\$64,021.00	\$65.09	\$57,083.93
2.	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	118	\$100.00	\$11,800.00	\$128.00	\$15,104.00	\$119.75	\$14,130.50
3.	48" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	96	\$183.00	\$17,568.00	\$200.00	\$19,200.00	\$188.91	\$18,135.36
4.	54" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	157	\$233.00	\$36,581.00	\$277.00	\$43,489.00	\$274.43	\$43,085.51
5.	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	341	\$276.00	\$94,116.00	\$337.00	\$114,917.00	\$325.58	\$111,022.78
6.	66" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	341	\$328.00	\$111,848.00	\$396.00	\$135,036.00	\$391.55	\$133,518.55
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,930	\$0.30	\$579.00	\$0.01	\$19.30	\$0.12	\$231.60
8.	TRENCHLESS CONSTRUCTION OF 60" RCP STORM SEWER, C-76, CLASS III, TO INCLUDE 60" RCP STORM SEWER, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	30	\$1,432.00	\$42,960.00	\$1,800.00	\$54,000.00	\$951.03	\$28,530.90
9.	STAGE I – TYPE "C" INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	11	\$1,325.00	\$14,575.00	\$2,785.00	\$30,635.00	\$1,505.52	\$16,560.72
10.	STAGE II – TYPE "C" INLET, COMPLETE IN PLACE.	EA	11	\$1,820.00	\$20,020.00	\$740.00	\$8,140.00	\$1,630.98	\$17,940.78
11.	SQUARE MANHOLE OR JUNCTION BOX PER CITY OF MAGNOLIA DETAIL, ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$4,995.00	\$69,930.00	\$4,630.00	\$64,820.00	\$5,063.20	\$70,884.80
12.	TYPE "X" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,590.00	\$5,180.00	\$3,695.00	\$7,390.00	\$3,136.50	\$6,273.00
13.	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	392	\$15.00	\$5,880.00	\$15.00	\$5,880.00	\$15.00	\$5,880.00
14.	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	392	\$25.00	\$9,800.00	\$25.00	\$9,800.00	\$25.00	\$9,800.00
15.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	2,795	\$2.00	\$5,590.00	\$3.00	\$8,385.00	\$2.63	\$7,350.85
16.	BREAK INTO EXISTING MANHOLE AND CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$275.00	\$275.00	\$1,442.79	\$1,442.79
17.	REMOVE AND REPLACE EXISTING STORM MANHOLE AS NECESSARY FOR CONNECTION OF PROPOSED 66" RCP STORM SEWER TO EXISTING STORM SEWER SYSTEM, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$6,100.00	\$6,100.00	\$7,245.00	\$7,245.00	\$6,586.65	\$6,586.65
18.	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE ALONG BACK OF CURB AFTER LOT GRADING AND CURB ARE COMPLETE (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,271	\$1.25	\$4,088.75	\$1.25	\$4,088.75	\$1.35	\$4,415.85
19.	INSTALL AND MAINTAIN FILTER FABRIC FENCE ALONG BOUNDARY BEFORE CONSTRUCTION STARTS (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4,609	\$1.00	\$4,609.00	\$1.00	\$4,609.00	\$1.35	\$6,222.15

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE MAGNOLIA RIDGE SECTION 1
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 108
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
 FEBRUARY 5, 2019
 LJA ENGINEERING, INC.
 B. ALVAREZ
 FEBRUARY 5, 2019
 JOB NUMBER 2025-1321D (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES, LLC		5) SENDERO INDUSTRIES, LLC		6) C.E. BARKER, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTAINING EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$975.00	\$975.00	\$1,500.00	\$1,500.00	\$627.30	\$627.30
21.	STABILIZED CONSTRUCTION EXIT AT LOCATION SHOWN ON PLANS, TO INCLUDE INSTALLATION AND REMOVAL, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$2,225.00	\$2,225.00	\$2,360.00	\$2,360.00	\$1,500.00	\$1,500.00
22.	STAGE II INLET PROTECTION BARRIER (4 SAND BAGS PER INLET) FOR PROPOSED AND EXISTING INLETS, COMPLETE IN PLACE	EA	18	\$60.00	\$1,080.00	\$75.00	\$1,350.00	\$62.73	\$1,129.14
23.	HYDROMULCH SEEDING, FINE GRADING AND WATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$2,050.00	\$2,050.00	\$1,500.00	\$1,500.00	\$1,450.00	\$1,450.00
24.	BROADCAST SEEDING, FERTILIZING, AND WATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	7.6	\$880.00	\$6,688.00	\$600.00	\$4,560.00	\$650.00	\$4,940.00
25.	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$560.00	\$560.00	\$850.00	\$850.00	\$1,254.60	\$1,254.60
26.	EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF GRASS-LINED EXTREME EVENT OVERFLOW SWALE WITH 10 TO 1 SIDE SLOPES, TO INCLUDE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE IN PLACE	LF	102	\$5.00	\$510.00	\$15.00	\$1,530.00	\$20.82	\$2,123.64
27.	EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF GRASS-LINED EXTREME EVENT OVERFLOW SWALE WITH 20 TO 1 SIDE SLOPES, TO INCLUDE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE IN PLACE	LF	50	\$18.00	\$900.00	\$25.00	\$1,250.00	\$20.82	\$1,041.00
28.	INSTALLATION, MAINTENANCE AND REMOVAL OF AIR BRIDGE MATTING AS NECESSARY FOR CROSSING OF PETROLEUM PRODUCTS PIPELINE, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$6,134.45	\$6,134.45	\$6,010.00	\$6,010.00	\$14,553.36	\$14,553.36
29.	ADDITIONAL COSTS FOR CONSTRUCTION OF UTILITIES CROSSING EXPLORER PIPELINE EASEMENT PER THEIR REQUIREMENTS ON SHEET 20, COMPLETE IN PLACE	LS	1	\$2,780.00	\$2,780.00	\$4,500.00	\$4,500.00	\$6,273.00	\$6,273.00
30.	CITY OF MAGNOLIA INSPECTION FEE (1.7% OF TOTAL CONSTRUCTION COST)	LS	1	\$17,238.00	\$17,238.00	\$19,430.00	\$19,430.00	\$16,998.30	\$16,998.30
31.	EXCAVATION, HAULING, GRADING AND HYDROMULCH SEEDING OF SHALLOW GRASS-LINED "V" BOTTOM DRAINAGE SWALE WITH 3 TO 1 SIDE SLOPES, TO INCLUDE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, COMPLETE IN PLACE	LF	920	\$4.50	\$4,140.00	\$4.00	\$3,680.00	\$10.82	\$9,954.40
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$558,171.20		\$645,574.05		\$620,941.46
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$127,871.60		\$101,928.73		\$127,257.97
SUBTOTAL SANITARY SEWER ITEMS					\$299,957.20 *		\$243,421.71		\$277,389.02
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$558,171.20		\$645,574.05		\$620,941.46
TOTAL AMOUNT BID					\$986,000.00 *		\$990,924.49		\$1,025,588.45

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE MAGNOLIA RIDGE SECTION 1
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 108
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
 FEBRUARY 5, 2019
 LJA ENGINEERING, INC.
 B. ALVAREZ
 FEBRUARY 5, 2019
 JOB NUMBER 2025-1321D (9.2)

7) KENNETH LAMB CONSTRUCTION CO., LTD. 8) PRINCIPAL SERVICES, LTD.
 UNIT COST TOTAL COST UNIT COST TOTAL COST

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS						
1. 8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,836	\$21.00	\$38,556.00	\$28.00	\$51,408.00
2. 8" RESTRAINED JOINT PVC WATER PIPE, C-900, DR-14, ALL DEPTHS, TO INCLUDE BEDDING, BACKFILL AND FITTINGS, COMPLETE IN PLACE	LF	15	\$70.00	\$1,050.00	\$114.00	\$1,710.00
3. TRENCHLESS CONSTRUCTION OF 8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE 8" PVC WATER PIPE, FITTINGS, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	64	\$75.00	\$4,800.00	\$165.00	\$10,560.00
4. FIRE HYDRANT UNIT, ALL DEPTHS, TO INCLUDE APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$5,000.00	\$20,000.00	\$3,800.00	\$15,200.00
5. 8" AWWA GATE VALVE & BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	4	\$1,000.00	\$4,000.00	\$1,100.00	\$4,400.00
6. 8" X 8" TAPPING SLEEVE AND VALVE, TO INCLUDE CONNECTION OF PROPOSED 8" WATERLINE, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00
7. 12" X 8" TAPPING SLEEVE AND VALVE, TO INCLUDE CONNECTION OF PROPOSED 8" WATERLINE, COMPLETE IN PLACE	EA	2	\$6,000.00	\$12,000.00	\$8,100.00	\$16,200.00
8. ADDITIONAL CAST 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	389	\$4.00	\$1,556.00	\$3.00	\$1,167.00
10. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,673	\$4.00	\$6,692.00	\$0.10	\$167.30
11. SHORT SIDE SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9) WATER SERVICE, INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, MARKER AND ALL NECESSARY CONNECTORS, PLUGS AND TAPS, COMPLETE IN PLACE	EA	17	\$850.00	\$14,450.00	\$700.00	\$11,900.00
12. LONG SIDE SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9) WATER SERVICE, INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, MARKER AND ALL NECESSARY CONNECTORS, PLUGS AND TAPS, COMPLETE IN PLACE	EA	25	\$1,000.00	\$25,000.00	\$1,400.00	\$35,000.00
SUBTOTAL WATER ITEMS				\$134,104.00		\$153,212.30
SANITARY SEWER ITEMS						
1. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,159	\$30.00	\$34,770.00	\$27.00	\$31,293.00
2. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	546	\$34.00	\$18,564.00	\$38.00	\$20,748.00
3. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16'-20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	266	\$45.00	\$11,970.00	\$47.00	\$12,502.00
4. 8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	8	\$200.00	\$1,600.00	\$126.00	\$1,008.00
5. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,971	\$4.00	\$7,884.00	\$0.10	\$197.10

*Mathematical Error

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE MAGNOLIA RIDGE SECTION 1
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 108
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
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 LJA ENGINEERING, INC.
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 FEBRUARY 5, 2019
 JOB NUMBER 2025-1321D (9.2)

7) KENNETH LAMB CONSTRUCTION CO., LTD.

8) PRINCIPAL SERVICES, LTD.

ITEM	DESCRIPTION	UNIT	QTY	7) KENNETH LAMB CONSTRUCTION CO., LTD.		8) PRINCIPAL SERVICES, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	TRENCHLESS CONSTRUCTION OF 8" PVC SEWER PIPE, ASTM D-2241, SDR 26, TO INCLUDE 8" PVC SEWER PIPE, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	116	\$150.00	\$17,400.00	\$150.00	\$17,400.00
7.	TRENCHLESS CONSTRUCTION OF 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, TO INCLUDE 8" PVC SEWER PIPE, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	52	\$150.00	\$7,800.00	\$178.00	\$9,256.00
8.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), TO INCLUDE STAINLESS STEEL INFLOW PROTECTORS, COMPLETE IN PLACE	EA	15	\$2,800.00	\$42,000.00	\$2,500.00	\$37,500.00
9.	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	55	\$335.00	\$18,425.00	\$165.00	\$9,075.00
10.	CORE INTO EXISTING SANITARY MANHOLE AND CONNECT PROPOSED SANITARY SEWER TO EXISTING SANITARY MANHOLE, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
11.	LONG SIDE SINGLE 6" PVC PIPE SERVICE LEADS, ASTM 2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	16	\$2,000.00	\$32,000.00	\$2,200.00	\$35,200.00
12.	SHORT SIDE SINGLE 6" PVC PIPE SERVICE LEADS, ASTM 2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	28	\$1,200.00	\$33,600.00	\$1,500.00	\$42,000.00
13.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,038	\$15.00	\$15,570.00	\$15.00	\$15,570.00
14.	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,038	\$25.00	\$25,950.00	\$35.00	\$36,330.00
15.	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	20	\$50.00	\$1,000.00	\$50.00	\$1,000.00
16.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	423	\$5.00	\$2,115.00	\$3.00	\$1,269.00
17.	REMOVE AND REPLACE EXISTING 6" CONCRETE LIFT STATION DRIVEWAY AS NECESSARY FOR CONSTRUCTION, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00
18.	8" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	2	\$75.00	\$150.00	\$250.00	\$500.00
19.	STANDARD EXTERNAL DROP STRUCTURE, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$850.00	\$2,550.00	\$500.00	\$1,500.00
20.	REMOVE AND REPLACE STREET SIGN AS NECESSARY FOR CONSTRUCTION, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$1,000.00	\$1,000.00
21.	ADJUST EXISTING 6" FORCE MAIN AND SANITARY MANHOLE AS NECESSARY FOR CONNECTION OF PROPOSED 8" SANITARY SEWER, TO INCLUDE COORDINATION WITH CITY OPERATOR TO PAUSE OFFSITE LIFT STATION DURING CONSTRUCTION ACTIVITIES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER)	LS	1	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00

SUBTOTAL SANITARY SEWER ITEMS

\$284,948.00

\$297,348.10

DRAINAGE FACILITIES ITEMS

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE MAGNOLIA RIDGE SECTION 1
 MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 108
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
 FEBRUARY 5, 2019
 LJA ENGINEERING, INC.
 B. ALVAREZ
 FEBRUARY 5, 2019
 JOB NUMBER 2025-1321D (9.2)

7) KENNETH LAMB CONSTRUCTION CO., LTD.

8) PRINCIPAL SERVICES, LTD.

ITEM	DESCRIPTION	UNIT	QTY	7) KENNETH LAMB CONSTRUCTION CO., LTD.		8) PRINCIPAL SERVICES, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1.	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	877	\$56.00	\$49,112.00	\$69.00	\$60,513.00
2.	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	118	\$98.00	\$11,564.00	\$122.00	\$14,396.00
3.	48" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	96	\$180.00	\$17,280.00	\$189.00	\$18,144.00
4.	54" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	157	\$230.00	\$36,110.00	\$268.00	\$42,076.00
5.	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	341	\$240.00	\$81,840.00	\$301.00	\$102,641.00
6.	66" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	341	\$285.00	\$97,185.00	\$366.00	\$124,806.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,930	\$4.00	\$7,720.00	\$0.10	\$193.00
8.	TRENCHLESS CONSTRUCTION OF 60" RCP STORM SEWER, C-76, CLASS III, TO INCLUDE 60" RCP STORM SEWER, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	30	\$1,900.00	\$57,000.00	\$2,600.00	\$78,000.00
9.	STAGE I – TYPE "C" INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	11	\$1,200.00	\$13,200.00	\$1,500.00	\$16,500.00
10.	STAGE II – TYPE "C" INLET, COMPLETE IN PLACE.	EA	11	\$1,600.00	\$17,600.00	\$2,100.00	\$23,100.00
11.	SQUARE MANHOLE OR JUNCTION BOX PER CITY OF MAGNOLIA DETAIL, ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$10,000.00	\$140,000.00	\$5,800.00	\$81,200.00
12.	TYPE "X" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00	\$3,200.00	\$6,400.00
13.	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	392	\$15.00	\$5,880.00	\$15.00	\$5,880.00
14.	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	392	\$25.00	\$9,800.00	\$45.00	\$17,640.00
15.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	2,795	\$5.00	\$13,975.00	\$3.00	\$8,385.00
16.	BREAK INTO EXISTING MANHOLE AND CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
17.	REMOVE AND REPLACE EXISTING STORM MANHOLE AS NECESSARY FOR CONNECTION OF PROPOSED 66" RCP STORM SEWER TO EXISTING STORM SEWER SYSTEM, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
18.	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE ALONG BACK OF CURB AFTER LOT GRADING AND CURB ARE COMPLETE (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,271	\$1.25	\$4,088.75	\$1.25	\$4,088.75
19.	INSTALL AND MAINTAIN FILTER FABRIC FENCE ALONG BOUNDARY BEFORE CONSTRUCTION STARTS (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4,609	\$1.00	\$4,609.00	\$1.00	\$4,609.00

