

**BID TABULATION FOR:**

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

CONSTRUCTION OF THE UTILITY IMPROVEMENTS  
FOR WILDCAT RANCH PHASE 2  
KAUFMAN COUNTY FRESH WATER SUPPLY DISTRICT NO. 4A  
CITY OF CRANDALL E.T.J., KAUFMAN COUNTY, TEXAS  
APRIL 23, 2019  
LJA ENGINEERING, INC.  
S. ROSS  
APRIL 24, 2019  
NTD304A-0015 (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT	CALENDAR DAYS CONSTRUCTION TIME
1) INTERSTATE PIPELINE UTILITY CONSTRUCTION, LLC	\$2,984,592.20 *	170/20
2) BLUE STAR UTILITIES, LLC	\$3,103,827.80	120/20
3) KCK UTILITY CONSTRUCTION, INC.	\$3,126,016.50	140/175
4) L.H. LACY COMPANY, LTD.	\$3,191,129.70	165/190
5) ACADIA SERVICES, LLC	\$3,197,908.10	120/30



I, Jaison Stephen, P.E., hereby certify these bid tabulations to be true and correct.



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ITEM DESCRIPTION	UNIT	QTY	1) INTERSTATE PIPELINE UTILITY CONSTRUCTION, LLC		2) BLUE STAR UTILITIES, LLC		3) KCK UTILITY CONSTRUCTION, INC.		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
<b>SECTION A - FUTURE PHASE MASTER SANITARY SEWER SYSTEM IMPROVEMENTS (PHASE 1B)</b>									
1. 15" P.V.C. ASTM D3034, SDR-35 SANITARY SEWER INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, ETC.	LF	2526	\$32.50	\$82,095.00	\$51.00	\$128,826.00	\$53.60	\$135,393.60	
2. 16" P.V.C., C-900 DR-18 (GREEN) SANITARY SEWER INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, ETC. AT LARGE DIAMETER WATERLINE CROSSINGS WITH LESS THAN 9' CLEARANCE	LF	244	\$66.00	\$16,104.00	\$59.00	\$14,396.00	\$60.30	\$14,713.20	
3. 5' DIAMETER MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME & COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	8	\$6,280.00	\$50,240.00	\$5,138.00	\$41,104.00	\$9,570.00	\$76,560.00	
4. 5' DIAMETER DROP MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME & COVER, MANHOLE INSERTS, FALSE BOTTOM	EA	2	\$8,865.00	\$17,730.00	\$6,871.00	\$13,742.00	\$10,975.00	\$21,950.00	
5. 5' DIAMETER MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME, BOLTED & GASKETED COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	2	\$6,315.00	\$12,630.00	\$5,198.00	\$10,396.00	\$5,400.00	\$10,800.00	
6. 5' DROP MANHOLE BOLTED & GASKETED AND VENT (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME, BOLTED & GASKETED COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	1	\$10,835.00	\$10,835.00	\$7,462.00	\$7,462.00	\$9,545.00	\$9,545.00	
7. 2000 PSI CONCRETE ENCASEMENT FOR 15" SANITARY LINE	LF	60	\$54.50	\$3,270.00	\$73.00	\$4,380.00	\$60.00	\$3,600.00	
8. CONNECT TO EXISTING 16" LINE	EA	1	\$3,000.00	\$3,000.00	\$826.00	\$826.00	\$1,740.00	\$1,740.00	
9. TRENCH SAFETY	LF	2,770	\$1.15	\$3,185.50	\$0.05	\$138.50	\$0.10	\$277.00	
10. T.V. TESTING	LF	2,770	\$1.50	\$4,155.00	\$1.00	\$2,770.00	\$1.10	\$3,047.00	
11. TESTING, EXCLUDING GEOTECH	LF	2,770	\$1.50	\$4,155.00	\$1.00	\$2,770.00	\$0.90	\$2,493.00	
<b>SUBTOTAL SECTION A - FUTURE PHASE MASTER SANITARY SEWER SYSTEM IMPROVEMENTS</b>				<b>\$207,399.50</b>		<b>\$226,810.50</b>		<b>\$280,118.80</b>	
<b>SECTION B - PHASE 2 MASTER SANITARY SEWER SYSTEM IMPROVEMENTS</b>									
12. 15" P.V.C., ASTM D3034, SDR-35 SANITARY SEWER INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, ETC.	LF	4,036	\$33.40	\$134,802.40	\$51.00	\$205,836.00	\$53.60	\$216,329.60	
13. 5' DIAMETER MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME, BOLTED & GASKETED COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	8	\$5,615.00	\$44,920.00	\$5,198.00	\$41,584.00	\$5,185.00	\$41,480.00	
14. 5' DROP DIAMETER MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME, BOLTED & GASKETED COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	3	\$7,550.00	\$22,650.00	\$6,212.00	\$18,636.00	\$6,425.00	\$19,275.00	
15. 5' MANHOLE BOLTED & GASKETED WITH VENT (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME, BOLTED & GASKETED COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	4	\$7,050.00	\$28,200.00	\$6,731.00	\$26,924.00	\$7,520.00	\$30,080.00	
16. 5' DROP MANHOLE BOLTED & GASKETED WITH VENT (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME, BOLTED & GASKETED COVER, MANHOLE INSERTS, FALSE BOTTOM ETC.	EA	2	\$8,680.00	\$17,360.00	\$7,633.00	\$15,266.00	\$10,355.00	\$20,710.00	
17. TRENCH SAFETY	LF	4,036	\$0.90	\$3,632.40	\$0.05	\$201.80	\$0.10	\$403.60	
18. T.V. TESTING	LF	4,036	\$1.50	\$6,054.00	\$1.00	\$4,036.00	\$1.10	\$4,439.60	
19. TESTING EXCLUDING GEOTECH	LF	4,036	\$1.50	\$6,054.00	\$1.00	\$4,036.00	\$0.90	\$3,632.40	
<b>SUBTOTAL SECTION B - PHASE 2 MASTER SANITARY SEWER SYSTEM IMPROVEMENTS</b>				<b>\$263,672.80</b>		<b>\$316,519.80</b>		<b>\$336,350.20</b>	

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ITEM DESCRIPTION	UNIT	QTY	1) INTERSTATE PIPELINE UTILITY CONSTRUCTION, LLC		2) BLUE STAR UTILITIES, LLC		3) KCK UTILITY CONSTRUCTION, INC.		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
<b>SECTION C - PHASE 2 RESIDENTIAL SANITARY SEWER SYSTEM IMPROVEMENTS</b>									
20. 8" P.V.C., ASTM D2241, SDR-26, SANITARY SEWER INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, ETC.	LF	10,774	\$25.00	\$269,350.00	\$28.00	\$301,672.00	\$28.60	\$308,136.40	
21. 4' DIAMETER MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME & COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	47	\$3,110.00	\$146,170.00	\$2,665.00	\$125,255.00	\$3,085.00	\$144,995.00	
22. 4' DIAMETER DROP MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME & COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	3	\$5,255.00	\$15,765.00 *	\$3,740.00	\$11,220.00	\$5,075.00	\$15,225.00	
23. 2000 PSI CONCRETE ENCASEMENT FOR 8" SANITARY LINE	LF	500	\$54.50	\$27,250.00	\$73.00	\$36,500.00	\$40.00	\$20,000.00	
24. 4" PVC SERVICE LINE (ASTM D2241) (SDR-26)	EA	357	\$718.00	\$256,326.00	\$764.00	\$272,748.00	\$632.00	\$225,624.00	
25. TRENCH SAFETY	LF	10,774	\$1.00	\$10,774.00	\$0.05	\$538.70	\$0.10	\$1,077.40	
26. T.V. TESTING	LF	10,774	\$1.25	\$13,467.50	\$1.00	\$10,774.00	\$1.10	\$11,851.40	
27. TESTING, EXCLUDING GEOTECH	LF	10,774	\$1.25	\$13,467.50	\$1.00	\$10,774.00	\$0.90	\$9,696.60	
<b>SUBTOTAL SECTION C - PHASE 2 RESIDENTIAL SANITARY SEWER SYSTEM IMPROVEMENTS</b>				<b>\$752,570.00 *</b>		<b>\$769,481.70</b>		<b>\$736,605.80</b>	
<b>SECTION D - FUTURE PHASE MASTER WATER DISTRIBUTION SYSTEM IMPROVEMENTS (PHASE 1B)</b>									
28. 16" C-900 DR-18 PVC WATERMAIN (INCLUDES ALL TEES, BENDS, CROSSES, FITTINGS, PLUGS, BEDDING, ETC.)	LF	692	\$69.00	\$47,748.00	\$64.00	\$44,288.00	\$61.60	\$42,627.20	
29. 16" GATE VALVE AND VAULT, INCLUDING CONCRETE BLOCKING, EMBEDMENTS, ETC.	EA	2	\$11,890.00	\$23,780.00	\$12,195.00	\$24,390.00	\$15,500.00	\$31,000.00	
30. 2000 PSI CONCRETE ENCASEMENT FOR 16" WATERMAIN	LF	22	\$224.00	\$4,928.00	\$73.00	\$1,606.00	\$60.00	\$1,320.00	
31. 1" COMBINATION AIR RELEASE AND VACUUM VALVE IN 5' VAULT	EA	1	\$7,730.00	\$7,730.00	\$9,870.00	\$9,870.00	\$9,600.00	\$9,600.00	
32. CONNECT TO EXISTING 16" LINE	EA	1	\$2,335.00	\$2,335.00	\$1,730.00	\$1,730.00	\$2,265.00	\$2,265.00	
33. MUELLER FIRE HYDRANT ASSEMBLY (INCLUDES LEAD, TEE, VALVE AND BOX)	EA	1	\$6,300.00	\$6,300.00	\$5,175.00	\$5,175.00	\$5,275.00	\$5,275.00	
34. 2" HDPE IRRIGATION SERVICE	EA	1	\$2,350.00	\$2,350.00	\$2,320.00	\$2,320.00	\$2,350.00	\$2,350.00	
35. TRENCH SAFETY	LF	692	\$2.00	\$1,384.00	\$0.05	\$34.60	\$0.10	\$69.20	
36. PRESSURE TESTING AND CHLORINATION	LF	692	\$2.40	\$1,660.80	\$1.00	\$692.00	\$2.00	\$1,384.00	
<b>SUBTOTAL SECTION D - FUTURE PHASE MASTER WATER DISTRIBUTION SYSTEM IMPROVEMENTS (PHASE 1B)</b>				<b>\$98,215.80</b>		<b>\$90,105.60</b>		<b>\$95,890.40</b>	
<b>SECTION E - PHASE 2 MASTER WATER DISTRIBUTION SYSTEM IMPROVEMENTS</b>									
37. 16" C-900 DR-18 PVC WATERMAIN (INCLUDES AL TEES, BENDS, CROSSES, FITTINGS, PLUGS, BEDDING, ETC.)	LF	1,843	\$60.00	\$110,580.00	\$57.00	\$105,051.00	\$69.70	\$128,457.10	
38. 16" GATE VALVE AND VAULT, INCLUDING CONCRETE BLOCKING, EMBEDMENTS, ETC.	EA	4	\$12,575.00	\$50,300.00	\$12,579.00	\$50,316.00	\$15,500.00	\$62,000.00	
39. 16" X 8" REDUCER	EA	1	\$1,110.00	\$1,110.00	\$1,012.00	\$1,012.00	\$1,035.00	\$1,035.00	
40. 1" BLOWOFF VALVE	EA	1	\$2,115.00	\$2,115.00	\$2,063.00	\$2,063.00	\$1,800.00	\$1,800.00	
41. 1" COMBINATION AIR RELEASE AND VACUUM VALVE IN 5' VAULT	EA	1	\$7,750.00	\$7,750.00	\$9,885.00	\$9,885.00	\$9,600.00	\$9,600.00	
42. MUELLER FIRE HYDRANT ASSEMBLY (INCLUDES LEAD, TEE, VALVE AND BOX)	EA	2	\$6,140.00	\$12,280.00	\$5,117.00	\$10,234.00	\$5,210.00	\$10,420.00	
43. 2" HDPE IRRIGATION SERVICE	EA	2	\$2,300.00	\$4,600.00	\$2,241.00	\$4,482.00	\$2,370.00	\$4,740.00	
44. TRENCH SAFETY	LF	1,843	\$0.25	\$460.75	\$0.05	\$92.15	\$0.10	\$184.30	
45. PRESSURE TESTING AND CHLORINATION	LF	1,843	\$1.00	\$1,843.00	\$1.00	\$1,843.00	\$2.00	\$3,686.00	
<b>SUBTOTAL SECTION E - PHASE 2 MASTER WATER DISTRIBUTION SYSTEM IMPROVEMENTS</b>				<b>\$191,038.75</b>		<b>\$184,978.15</b>		<b>\$221,922.40</b>	

\* MATHEMATICAL ERROR

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			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
<b>SECTION F - RESIDENTIAL WATER DISTRIBUTION SYSTEM IMPROVEMENTS</b>									
46. 8" C-900 DR-18 PVC WATERMAIN (INCLUDES ALL TEES, BENDS, CROSSES, FITTINGS, PLUGS, BEDDING, ETC.)	LF	12,678	\$25.70	\$325,824.60	\$25.00	\$316,950.00	\$26.10	\$330,895.80	
47. 8" GATE VALVE AND BOX, INCLUDING CONCRETE BLOCKING, EMBEDMENTS, ETC.	EA	41	\$1,286.00	\$52,726.00	\$1,359.00	\$55,719.00	\$1,300.00	\$53,300.00	
48. 2000 PSI CONCRETE ENCASEMENT FOR 8" WATERMAIN	LF	80	\$56.00	\$4,480.00	\$73.00	\$5,840.00	\$40.00	\$3,200.00	
49. 2" HDPE IRRIGATION SERVICE	EA	5	\$1,805.00	\$9,025.00	\$1,849.00	\$9,245.00	\$1,780.00	\$8,900.00	
50. 1" HDPE WATER SERVICE	EA	357	\$788.00	\$281,316.00	\$775.00	\$276,675.00	\$697.00	\$248,829.00	
51. MUELLER FIRE HYDRANT ASSEMBLY (INCLUDES LEAD, TEE, VALVE AND BOX)	EA	20	\$4,115.00	\$82,300.00	\$4,033.00	\$80,660.00	\$3,975.00	\$79,500.00	
52. 8" PLUG	EA	7	\$288.00	\$2,016.00	\$307.00	\$2,149.00	\$255.00	\$1,785.00	
53. TRENCH SAFETY	LF	12,678	\$0.20	\$2,535.60	\$0.05	\$633.90	\$0.10	\$1,267.80	
54. PRESSURE TESTING AND CHLORINATION	LF	12,678	\$0.90	\$11,410.20	\$1.00	\$12,678.00	\$1.50	\$19,017.00	
<b>SUBTOTAL SECTION F - PHASE 2 RESIDENTIAL WATER DISTRIBUTION SYSTEM IMPROVEMENTS</b>				<b>\$771,633.40</b>		<b>\$760,549.90</b>		<b>\$746,694.60</b>	
<b>SECTION G - PHASE 2 MASTER STORM DRAINAGE IMPROVEMENTS</b>									
55. 18" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	0	N/A	N/A	N/A	N/A	N/A	N/A	
56. 21" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	16	\$48.00	\$768.00	\$59.00	\$944.00	\$52.00	\$832.00	
57. 24" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	220	\$57.00	\$12,540.00	\$68.00	\$14,960.00	\$59.00	\$12,980.00	
58. 8" RECESSED CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	1	\$3,115.00	\$3,115.00	\$3,389.00	\$3,389.00	\$3,800.00	\$3,800.00	
59. 10" RECESSED CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	1	\$3,385.00	\$3,385.00	\$3,914.00	\$3,914.00	\$4,015.00	\$4,015.00	
60. INLET PROTECTION (PRIOR TO PAVING)	EA	2	\$325.00	\$650.00	\$185.00	\$370.00	\$110.00	\$220.00	
61. TRENCH SAFETY	LF	236	\$0.25	\$59.00	\$0.05	\$11.80	\$0.10	\$23.60	
62. T.V. TESTING	LF	236	\$1.50	\$354.00	\$2.00	\$472.00	\$2.00	\$472.00	
<b>SUBTOTAL SECTION G - PHASE 2 MASTER STORM DRAINAGE IMPROVEMENTS</b>				<b>\$20,871.00</b>		<b>\$24,060.80</b>		<b>\$22,342.60</b>	
<b>SECTION H - RESIDENTIAL STORM DRAINAGE SYSTEM IMPROVEMENTS</b>									
63. 18" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	1,589	\$44.00	\$69,916.00	\$54.00	\$85,806.00	\$45.00	\$71,505.00	
64. 21" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	64	\$48.00	\$3,072.00	\$59.00	\$3,776.00	\$50.00	\$3,200.00	
65. 24" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	1,660	\$57.00	\$94,620.00	\$68.00	\$112,880.00	\$59.00	\$97,940.00	
66. 27" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	436	\$66.00	\$28,776.00	\$75.00	\$32,700.00	\$68.00	\$29,648.00	
67. 30" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	1,168	\$78.00	\$91,104.00	\$86.00	\$100,448.00	\$77.00	\$89,936.00	
68. 42" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	391	\$136.00	\$53,176.00	\$139.00	\$54,349.00	\$134.00	\$52,394.00	
69. 48" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	119	\$160.00	\$19,040.00	\$176.00	\$20,944.00	\$161.00	\$19,159.00	

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
70.	4' X 4' R.C.B., CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTOR S	LF	0	N/A	N/A	N/A	N/A	N/A	N/A
71.	5' X 2' R.C.B., CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	0	N/A	N/A	N/A	N/A	N/A	N/A
72.	3' X 3' STORM MANHOLE (TYPE A)	EA	5	\$3,500.00	\$17,500.00	\$3,461.00	\$17,305.00	\$4,460.00	\$22,300.00
73.	4' X 4' STORM MANHOLE (TYPE B)	EA	2	\$4,040.00	\$8,080.00	\$4,108.00	\$8,216.00	\$5,250.00	\$10,500.00
74.	5' X 5' STORM MANHOLE (TYPE B)	EA	4	\$6,515.00	\$26,060.00	\$6,024.00	\$24,096.00	\$5,940.00	\$23,760.00
75.	MANHOLE RISER	EA	0	N/A	N/A	N/A	N/A	N/A	N/A
76.	6' STANDARD CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	7	\$2,620.00	\$18,340.00	\$3,114.00	\$21,798.00	\$3,630.00	\$25,410.00
77.	8' STANDARD CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	9	\$3,005.00	\$27,045.00	\$3,389.00	\$30,501.00	\$3,740.00	\$33,660.00
78.	10' STANDARD CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	7	\$3,270.00	\$22,890.00	\$3,664.00	\$25,648.00	\$3,960.00	\$27,720.00
79.	12' STANDARD CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	7	\$3,775.00	\$26,425.00	\$3,939.00	\$27,573.00	\$4,290.00	\$30,030.00
80.	14' STANDARD CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	3	\$4,100.00	\$12,300.00	\$4,356.00	\$13,068.00	\$4,730.00	\$14,190.00
81.	16' STANDARD CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	3	\$5,850.00	\$17,550.00	\$4,872.00	\$14,616.00	\$4,840.00	\$14,520.00
82.	STREET OVERFLOW FLUME (EXCLUDING RIP RAP)	EA	4	\$3,930.00	\$15,720.00	\$723.00	\$2,892.00	\$1,375.00	\$5,500.00
83.	INLET PROTECTION (PRIOR TO PAVING)	EA	36	\$325.00	\$11,700.00	\$185.00	\$6,660.00	\$110.00	\$3,960.00
84.	24" 4:1 TxDOT CH-FW-0 HEADWALL	EA	2	\$2,630.00	\$5,260.00	\$2,652.00	\$5,304.00	\$2,310.00	\$4,620.00
85.	27" 4:1 TxDOT CH-FW-0 HEADWALL	EA	0	N/A	N/A	N/A	N/A	N/A	N/A
86.	30" 4:1 TxDOT CH-FW-0 HEADWALL	EA	1	\$3,275.00	\$3,275.00	\$3,125.00	\$3,125.00	\$2,585.00	\$2,585.00
87.	42" 4:1 TxDOT CH-FW-0 HEADWALL	EA	1	\$5,110.00	\$5,110.00	\$5,503.00	\$5,503.00	\$3,740.00	\$3,740.00
88.	48" 4:1 TxDOT CH-FW-0 HEADWALL	EA	2	\$5,500.00	\$11,000.00	\$5,928.00	\$11,856.00	\$4,400.00	\$8,800.00
89.	4'X 4' 4:1 TxDOT FW-0 WINGWALL	EA	0	N/A	N/A	N/A	N/A	N/A	N/A
90.	5'X 2' 4:1 TxDOT FW-00 WINGWALL	EA	0	N/A	N/A	N/A	N/A	N/A	N/A
91.	18" THICK NCTCOG 803.3 TYPE A, DRY ROCK RIP RAP	SY	362	\$86.00	\$31,132.00	\$86.00	\$31,132.00	\$99.00	\$35,838.00
92.	TRENCH SAFETY	LF	5,427	\$0.25	\$1,356.75	\$0.05	\$271.35	\$0.10	\$542.70
93.	T.V. TESTING	LF	5,427	\$1.60	\$8,683.20	\$2.00	\$10,854.00	\$2.00	\$10,854.00
<b>SUBTOTAL SECTION H - RESIDENTIAL STORM DRAINAGE SYSTEM IMPROVEMENTS</b>					<b>\$629,130.95</b>	<b>\$671,321.35</b>	<b>\$671,321.35</b>	<b>\$642,311.70</b>	

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CONSTRUCTION OF THE UTILITY IMPROVEMENTS  
 FOR WILDCAT RANCH PHASE 2  
 KAUFMAN COUNTY FRESH WATER SUPPLY DISTRICT NO. 4A  
 CITY OF CRANDALL E.T.J., KAUFMAN COUNTY, TEXAS  
 APRIL 23, 2019  
 LJA ENGINEERING, INC.  
 S. ROSS  
 APRIL 24, 2019  
 NTD304A-0015 (9.2)

ITEM DESCRIPTION	UNIT	QTY	1) INTERSTATE PIPELINE UTILITY CONSTRUCTION, LLC		2) BLUE STAR UTILITIES, LLC		3) KCK UTILITY CONSTRUCTION, INC.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SECTION J - BONDS FOR UTILITY IMPROVEMENTS</b>								
94. PERFORMANCE & PAYMENT BOND – 100%	LS	1	\$49,060.00	\$49,060.00	\$30,000.00	\$30,000.00	\$36,850.00	\$36,850.00
95. MAINTENANCE BOND – 2YR, 100%	LS	1	\$1,000.00	\$1,000.00	\$30,000.00	\$30,000.00	\$6,930.00	\$6,930.00
<b>SUBTOTAL SECTION J - BONDS FOR UTILITY IMPROVEMENTS</b>				<b>\$50,060.00</b>		<b>\$60,000.00</b>		<b>\$43,780.00</b>
<b>BID SUMMARY</b>								
SUBTOTAL SECTION A - FUTURE PHASE MASTER SANITARY SEWER SYSTEM IMPROVEMENTS				\$207,399.50		\$226,810.50		\$280,118.80
SUBTOTAL SECTION B - PHASE 2 MASTER SANITARY SEWER SYSTEM IMPROVEMENTS				\$263,672.80		\$316,519.80		\$336,350.20
SUBTOTAL SECTION C - PHASE 2 RESIDENTIAL SANITARY SEWER SYSTEM IMPROVEMENTS				\$752,570.00		\$769,481.70		\$736,605.80
TOTAL - SANITARY SEWER SYSTEM IMPROVEMENTS (SECTIONS A-C)				\$1,223,642.30		\$1,312,812.00		\$1,353,074.80
SUBTOTAL SECTION D - FUTURE PHASE MASTER WATER DISTRIBUTION SYSTEM IMPROVEMENTS (PHASE 1B)				\$98,215.80		\$90,105.60		\$95,890.40
SUBTOTAL SECTION E - PHASE 2 MASTER WATER DISTRIBUTION SYSTEM IMPROVEMENTS				\$191,038.75		\$184,978.15		\$221,922.40
SUBTOTAL SECTION F - PHASE 2 RESIDENTIAL WATER DISTRIBUTION SYSTEM IMPROVEMENTS				\$771,633.40		\$760,549.90		\$746,694.60
TOTAL - WATER DISTRIBUTION SYSTEM IMPROVEMENTS (SECTIONS D-F)				\$1,060,887.95		\$1,035,633.65		\$1,064,507.40
SUBTOTAL SECTION G - PHASE 2 MASTER STORM DRAINAGE IMPROVEMENTS				\$20,871.00		\$24,060.80		\$22,342.60
SUBTOTAL SECTION H - RESIDENTIAL STORM DRAINAGE SYSTEM IMPROVEMENTS				\$629,130.95		\$671,321.35		\$642,311.70
TOTAL - STORM DRAINAGE SYSTEM IMPROVEMENTS (SECTIONS G-H)				\$650,001.95		\$695,382.15		\$664,654.30
GRAND TOTAL - SECTIONS A-H				\$2,934,532.20 *		\$3,043,827.80		\$3,082,236.50
SUBTOTAL SECTION J - BONDS FOR UTILITY IMPROVEMENTS				\$50,060.00		\$60,000.00		\$43,780.00
<b>TOTAL AMOUNT BID</b>				<b>\$2,984,592.20 *</b>		<b>\$3,103,827.80</b>		<b>\$3,126,016.50</b>

\* MATHEMATICAL ERROR

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 APRIL 23, 2019  
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 S. ROSS  
 APRIL 24, 2019  
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4) L.H. LACY COMPANY, LTD.

5) ACADIA SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SECTION A - FUTURE PHASE MASTER SANITARY SEWER SYSTEM IMPROVEMENTS (PHASE 1B)</b>							
1.	15" P.V.C. ASTM D3034, SDR-35 SANITARY SEWER INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, ETC.	LF	2526	\$51.50	\$130,089.00	\$45.00	\$113,670.00
2.	16" P.V.C., C-900 DR-18 (GREEN) SANITARY SEWER INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, ETC. AT LARGE DIAMETER WATERLINE CROSSINGS WITH LESS THAN 9' CLEARANCE	LF	244	\$70.00	\$17,080.00	\$62.00	\$15,128.00
3.	5' DIAMETER MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME & COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	8	\$7,200.00	\$57,600.00	\$5,900.00	\$47,200.00
4.	5' DIAMETER DROP MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME & COVER, MANHOLE INSERTS, FALSE BOTTOM	EA	2	\$8,300.00	\$16,600.00	\$12,000.00	\$24,000.00
5.	5' DIAMETER MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME, BOLTED & GASKETED COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	2	\$5,700.00	\$11,400.00	\$6,000.00	\$12,000.00
6.	5' DROP MANHOLE BOLTED & GASKETED AND VENT (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME, BOLTED & GASKETED COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	1	\$9,000.00	\$9,000.00	\$13,600.00	\$13,600.00
7.	2000 PSI CONCRETE ENCASEMENT FOR 15" SANITARY LINE	LF	60	\$80.00	\$4,800.00	\$85.00	\$5,100.00
8.	CONNECT TO EXISTING 16" LINE	EA	1	\$1,700.00	\$1,700.00	\$2,000.00	\$2,000.00
9.	TRENCH SAFETY	LF	2,770	\$0.60	\$1,662.00	\$2.00	\$5,540.00
10.	T.V. TESTING	LF	2,770	\$1.00	\$2,770.00	\$0.50	\$1,385.00
11.	TESTING, EXCLUDING GEOTECH	LF	2,770	\$1.00	\$2,770.00	\$0.50	\$1,385.00
<b>SUBTOTAL SECTION A - FUTURE PHASE MASTER SANITARY SEWER SYSTEM IMPROVEMENTS</b>					<b>\$255,471.00</b>		<b>\$241,008.00</b>
<b>SECTION B - PHASE 2 MASTER SANITARY SEWER SYSTEM IMPROVEMENTS</b>							
12.	15" P.V.C., ASTM D3034, SDR-35 SANITARY SEWER INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, ETC.	LF	4,036	\$51.50	\$207,854.00	\$46.00	\$185,656.00
13.	5' DIAMETER MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME, BOLTED & GASKETED COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	8	\$5,700.00	\$45,600.00	\$7,700.00	\$61,600.00
14.	5' DROP DIAMETER MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME, BOLTED & GASKETED COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	3	\$7,200.00	\$21,600.00	\$10,000.00	\$30,000.00
15.	5' MANHOLE BOLTED & GASKETED WITH VENT (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME, BOLTED & GASKETED COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	4	\$6,200.00	\$24,800.00	\$7,000.00	\$28,000.00
16.	5' DROP MANHOLE BOLTED & GASKETED WITH VENT (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME, BOLTED & GASKETED COVER, MANHOLE INSERTS, FALSE BOTTOM ETC.	EA	2	\$9,000.00	\$18,000.00	\$10,000.00	\$20,000.00
17.	TRENCH SAFETY	LF	4,036	\$0.60	\$2,421.60	\$2.00	\$8,072.00
18.	T.V. TESTING	LF	4,036	\$1.00	\$4,036.00	\$0.50	\$2,018.00
19.	TESTING EXCLUDING GEOTECH	LF	4,036	\$1.00	\$4,036.00	\$0.50	\$2,018.00
<b>SUBTOTAL SECTION B - PHASE 2 MASTER SANITARY SEWER SYSTEM IMPROVEMENTS</b>					<b>\$328,347.60</b>		<b>\$337,364.00</b>

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 KAUFMAN COUNTY FRESH WATER SUPPLY DISTRICT NO. 4A  
 CITY OF CRANDALL E.T.J., KAUFMAN COUNTY, TEXAS  
 APRIL 23, 2019  
 LJA ENGINEERING, INC.  
 S. ROSS  
 APRIL 24, 2019  
 NTD304A-0015 (9.2)

4) L.H. LACY COMPANY, LTD.

5) ACADIA SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SECTION C - PHASE 2 RESIDENTIAL SANITARY SEWER SYSTEM IMPROVEMENTS</b>							
20.	8" P.V.C., ASTM D2241, SDR-26, SANITARY SEWER INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, ETC.	LF	10,774	\$26.00	\$280,124.00	\$25.00	\$269,350.00
21.	4' DIAMETER MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME & COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	47	\$3,150.00	\$148,050.00	\$3,000.00	\$141,000.00
22.	4' DIAMETER DROP MANHOLE (ALL DEPTHS), INCLUDING EXCAVATION, BACKFILL, MANHOLE FRAME & COVER, MANHOLE INSERTS, FALSE BOTTOM, ETC.	EA	3	\$5,350.00	\$16,050.00	\$6,000.00	\$18,000.00
23.	2000 PSI CONCRETE ENCASEMENT FOR 8" SANITARY LINE	LF	500	\$40.00	\$20,000.00	\$85.00	\$42,500.00
24.	4" PVC SERVICE LINE (ASTM D2241) (SDR-26)	EA	357	\$730.00	\$260,610.00	\$693.00	\$247,401.00
25.	TRENCH SAFETY	LF	10,774	\$0.50	\$5,387.00	\$2.00	\$21,548.00
26.	T.V. TESTING	LF	10,774	\$1.00	\$10,774.00	\$0.50	\$5,387.00
27.	TESTING, EXCLUDING GEOTECH	LF	10,774	\$1.00	\$10,774.00	\$0.50	\$5,387.00
<b>SUBTOTAL SECTION C - PHASE 2 RESIDENTIAL SANITARY SEWER SYSTEM IMPROVEMENTS</b>					<b>\$751,769.00</b>		<b>\$750,573.00</b>
<b>SECTION D - FUTURE PHASE MASTER WATER DISTRIBUTION SYSTEM IMPROVEMENTS (PHASE 1B)</b>							
28.	16" C-900 DR-18 PVC WATERMAIN (INCLUDES ALL TEES, BENDS, CROSSES, FITTINGS, PLUGS, BEDDING, ETC.)	LF	692	\$62.50	\$43,250.00	\$71.00	\$49,132.00
29.	16" GATE VALVE AND VAULT, INCLUDING CONCRETE BLOCKING, EMBEDMENTS, ETC.	EA	2	\$21,000.00	\$42,000.00	\$15,300.00	\$30,600.00
30.	2000 PSI CONCRETE ENCASEMENT FOR 16" WATERMAIN	LF	22	\$71.00	\$1,562.00	\$85.00	\$1,870.00
31.	1" COMBINATION AIR RELEASE AND VACUUM VALVE IN 5' VAULT	EA	1	\$13,000.00	\$13,000.00	\$13,700.00	\$13,700.00
32.	CONNECT TO EXISTING 16" LINE	EA	1	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00
33.	MUELLER FIRE HYDRANT ASSEMBLY (INCLUDES LEAD, TEE, VALVE AND BOX)	EA	1	\$4,000.00	\$4,000.00	\$7,000.00	\$7,000.00
34.	2" HDPE IRRIGATION SERVICE	EA	1	\$2,700.00	\$2,700.00	\$2,600.00	\$2,600.00
35.	TRENCH SAFETY	LF	692	\$0.20	\$138.40	\$1.00	\$692.00
36.	PRESSURE TESTING AND CHLORINATION	LF	692	\$1.50	\$1,038.00	\$0.10	\$69.20
<b>SUBTOTAL SECTION D - FUTURE PHASE MASTER WATER DISTRIBUTION SYSTEM IMPROVEMENTS (PHASE 1B)</b>					<b>\$109,688.40</b>		<b>\$108,663.20</b>
<b>SECTION E - PHASE 2 MASTER WATER DISTRIBUTION SYSTEM IMPROVEMENTS</b>							
37.	16" C-900 DR-18 PVC WATERMAIN (INCLUDES AL TEES, BENDS, CROSSES, FITTINGS, PLUGS, BEDDING, ETC.)	LF	1,843	\$62.50	\$115,187.50	\$65.00	\$119,795.00
38.	16" GATE VALVE AND VAULT, INCLUDING CONCRETE BLOCKING, EMBEDMENTS, ETC.	EA	4	\$21,000.00	\$84,000.00	\$12,000.00	\$48,000.00
39.	16" X 8" REDUCER	EA	1	\$1,000.00	\$1,000.00	\$1,325.00	\$1,325.00
40.	1" BLOWOFF VALVE	EA	1	\$2,100.00	\$2,100.00	\$1,650.00	\$1,650.00
41.	1" COMBINATION AIR RELEASE AND VACUUM VALVE IN 5' VAULT	EA	1	\$13,000.00	\$13,000.00	\$14,000.00	\$14,000.00
42.	MUELLER FIRE HYDRANT ASSEMBLY (INCLUDES LEAD, TEE, VALVE AND BOX)	EA	2	\$4,000.00	\$8,000.00	\$7,000.00	\$14,000.00
43.	2" HDPE IRRIGATION SERVICE	EA	2	\$2,700.00	\$5,400.00	\$2,600.00	\$5,200.00
44.	TRENCH SAFETY	LF	1,843	\$0.20	\$368.60	\$1.00	\$1,843.00
45.	PRESSURE TESTING AND CHLORINATION	LF	1,843	\$1.50	\$2,764.50	\$0.10	\$184.30
<b>SUBTOTAL SECTION E - PHASE 2 MASTER WATER DISTRIBUTION SYSTEM IMPROVEMENTS</b>					<b>\$231,820.60</b>		<b>\$205,997.30</b>



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4) L.H. LACY COMPANY, LTD.

5) ACADIA SERVICES, LLC

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SECTION F - RESIDENTIAL WATER DISTRIBUTION SYSTEM IMPROVEMENTS</b>						
46. 8" C-900 DR-18 PVC WATERMAIN (INCLUDES ALL TEES, BENDS, CROSSES, FITTINGS, PLUGS, BEDDING, ETC.)	LF	12,678	\$25.50	\$323,289.00	\$26.00	\$329,628.00
47. 8" GATE VALVE AND BOX, INCLUDING CONCRETE BLOCKING, EMBEDMENTS, ETC.	EA	41	\$1,300.00	\$53,300.00	\$1,535.00	\$62,935.00
48. 2000 PSI CONCRETE ENCASEMENT FOR 8" WATERMAIN	LF	80	\$40.00	\$3,200.00	\$85.00	\$6,800.00
49. 2" HDPE IRRIGATION SERVICE	EA	5	\$2,700.00	\$13,500.00	\$2,000.00	\$10,000.00
50. 1" HDPE WATER SERVICE	EA	357	\$780.00	\$278,460.00	\$783.00	\$279,531.00
51. MUELLER FIRE HYDRANT ASSEMBLY (INCLUDES LEAD, TEE, VALVE AND BOX)	EA	20	\$4,000.00	\$80,000.00	\$4,500.00	\$90,000.00
52. 8" PLUG	EA	7	\$200.00	\$1,400.00	\$500.00	\$3,500.00
53. TRENCH SAFETY	LF	12,678	\$0.15	\$1,901.70	\$0.10	\$1,267.80
54. PRESSURE TESTING AND CHLORINATION	LF	12,678	\$1.00	\$12,678.00	\$0.10	\$1,267.80
<b>SUBTOTAL SECTION F - PHASE 2 RESIDENTIAL WATER DISTRIBUTION SYSTEM IMPROVEMENTS</b>				<b>\$767,728.70</b>		<b>\$784,929.60</b>
<b>SECTION G - PHASE 2 MASTER STORM DRAINAGE IMPROVEMENTS</b>						
55. 18" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	0	N/A	N/A	\$52.00	\$0.00
56. 21" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	16	\$54.00	\$864.00	\$58.00	\$928.00
57. 24" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	220	\$64.00	\$14,080.00	\$69.00	\$15,180.00
58. 8" RECESSED CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	1	\$4,000.00	\$4,000.00	\$3,945.00	\$3,945.00
59. 10" RECESSED CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	1	\$4,300.00	\$4,300.00	\$4,366.00	\$4,366.00
60. INLET PROTECTION (PRIOR TO PAVING)	EA	2	\$220.00	\$440.00	\$180.00	\$360.00
61. TRENCH SAFETY	LF	236	\$0.30	\$70.80	\$2.00	\$472.00
62. T.V. TESTING	LF	236	\$1.50	\$354.00	\$4.00	\$944.00
<b>SUBTOTAL SECTION G - PHASE 2 MASTER STORM DRAINAGE IMPROVEMENTS</b>				<b>\$24,108.80</b>		<b>\$26,195.00</b>
<b>SECTION H - RESIDENTIAL STORM DRAINAGE SYSTEM IMPROVEMENTS</b>						
63. 18" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	1,589	\$48.00	\$76,272.00	\$52.00	\$82,628.00
64. 21" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	64	\$54.00	\$3,456.00	\$58.00	\$3,712.00
65. 24" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	1,660	\$64.00	\$106,240.00	\$69.00	\$114,540.00
66. 27" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	436	\$71.00	\$30,956.00	\$76.00	\$33,136.00
67. 30" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	1,168	\$84.50	\$98,696.00	\$87.00	\$101,616.00
68. 42" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	391	\$147.00	\$57,477.00	\$152.00	\$59,432.00
69. 48" R.C.P., STORM SEWER, CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	119	\$180.00	\$21,420.00	\$180.00	\$21,420.00

**BID TABULATION FOR:**

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

CONSTRUCTION OF THE UTILITY IMPROVEMENTS  
 FOR WILDCAT RANCH PHASE 2  
 KAUFMAN COUNTY FRESH WATER SUPPLY DISTRICT NO. 4A  
 CITY OF CRANDALL E.T.J., KAUFMAN COUNTY, TEXAS  
 APRIL 23, 2019  
 LJA ENGINEERING, INC.  
 S. ROSS  
 APRIL 24, 2019  
 NTD304A-0015 (9.2)

4) L.H. LACY COMPANY, LTD.

5) ACADIA SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
70.	4' X 4' R.C.B., CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTOR S	LF	0	N/A	N/A	\$250.00	\$0.00
71.	5' X 2' R.C.B., CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, EMBEDMENT, BACKFILL, FITTINGS, JOINTS/CONNECTIONS, WYES, ETC.	LF	0	N/A	N/A	\$260.00	\$0.00
72.	3' X 3' STORM MANHOLE (TYPE A)	EA	5	\$3,200.00	\$16,000.00	\$2,400.00	\$12,000.00
73.	4' X 4' STORM MANHOLE (TYPE B)	EA	2	\$3,800.00	\$7,600.00	\$3,700.00	\$7,400.00
74.	5' X 5' STORM MANHOLE (TYPE B)	EA	4	\$5,300.00	\$21,200.00	\$7,300.00	\$29,200.00
75.	MANHOLE RISER	EA	0	N/A	N/A	\$3,500.00	\$0.00
76.	6' STANDARD CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	7	\$3,700.00	\$25,900.00	\$3,300.00	\$23,100.00
77.	8' STANDARD CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	9	\$3,900.00	\$35,100.00	\$3,650.00	\$32,850.00
78.	10' STANDARD CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	7	\$4,100.00	\$28,700.00	\$4,000.00	\$28,000.00
79.	12' STANDARD CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	7	\$4,900.00	\$34,300.00	\$5,600.00	\$39,200.00
80.	14' STANDARD CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	3	\$5,100.00	\$15,300.00	\$6,100.00	\$18,300.00
81.	16' STANDARD CURB INLET (INCLUDES EXCAVATION, EMBEDMENT, BACKFILL, ETC.)	EA	3	\$5,400.00	\$16,200.00	\$6,700.00	\$20,100.00
82.	STREET OVERFLOW FLUME (EXCLUDING RIP RAP)	EA	4	\$2,200.00	\$8,800.00	\$3,000.00	\$12,000.00
83.	INLET PROTECTION (PRIOR TO PAVING)	EA	36	\$220.00	\$7,920.00	\$180.00	\$6,480.00
84.	24" 4:1 TxDOT CH-FW-0 HEADWALL	EA	2	\$2,100.00	\$4,200.00	\$1,265.00	\$2,530.00
85.	27" 4:1 TxDOT CH-FW-0 HEADWALL	EA	0	N/A	N/A	\$2,000.00	\$0.00
86.	30" 4:1 TxDOT CH-FW-0 HEADWALL	EA	1	\$2,800.00	\$2,800.00	\$2,000.00	\$2,000.00
87.	42" 4:1 TxDOT CH-FW-0 HEADWALL	EA	1	\$4,900.00	\$4,900.00	\$3,500.00	\$3,500.00
88.	48" 4:1 TxDOT CH-FW-0 HEADWALL	EA	2	\$6,300.00	\$12,600.00	\$4,800.00	\$9,600.00
89.	4'X 4' 4:1 TxDOT FW-0 WINGWALL	EA	0	N/A	N/A	\$5,000.00	\$0.00
90.	5'X 2' 4:1 TxDOT FW-00 WINGWALL	EA	0	N/A	N/A	\$5,000.00	\$0.00
91.	18" THICK NCTCOG 803.3 TYPE A, DRY ROCK RIP RAP	SY	362	\$95.00	\$34,390.00	\$90.00	\$32,580.00
92.	TRENCH SAFETY	LF	5,427	\$0.30	\$1,628.10	\$1.00	\$5,427.00
93.	T.V. TESTING	LF	5,427	\$1.50	\$8,140.50	\$1.00	\$5,427.00
<b>SUBTOTAL SECTION H - RESIDENTIAL STORM DRAINAGE SYSTEM IMPROVEMENTS</b>					<b>\$680,195.60</b>		<b>\$706,178.00</b>

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ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SECTION J - BONDS FOR UTILITY IMPROVEMENTS</b>						
94. PERFORMANCE & PAYMENT BOND – 100%	LS	1	\$40,000.00	\$40,000.00	\$32,000.00	\$32,000.00
95. MAINTENANCE BOND – 2YR, 100%	LS	1	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
<b>SUBTOTAL SECTION J - BONDS FOR UTILITY IMPROVEMENTS</b>				<b>\$42,000.00</b>		<b>\$37,000.00</b>
<b>BID SUMMARY</b>						
SUBTOTAL SECTION A - FUTURE PHASE MASTER SANITARY SEWER SYSTEM IMPROVEMENTS				\$255,471.00		\$241,008.00
SUBTOTAL SECTION B - PHASE 2 MASTER SANITARY SEWER SYSTEM IMPROVEMENTS				\$328,347.60		\$337,364.00
SUBTOTAL SECTION C - PHASE 2 RESIDENTIAL SANITARY SEWER SYSTEM IMPROVEMENTS				\$751,769.00		\$750,573.00
TOTAL - SANITARY SEWER SYSTEM IMPROVEMENTS (SECTIONS A-C)				\$1,335,587.60		\$1,328,945.00
SUBTOTAL SECTION D - FUTURE PHASE MASTER WATER DISTRIBUTION SYSTEM IMPROVEMENTS (PHASE 1B)				\$109,688.40		\$108,663.20
SUBTOTAL SECTION E - PHASE 2 MASTER WATER DISTRIBUTION SYSTEM IMPROVEMENTS				\$231,820.60		\$205,997.30
SUBTOTAL SECTION F - PHASE 2 RESIDENTIAL WATER DISTRIBUTION SYSTEM IMPROVEMENTS				\$767,728.70		\$784,929.60
TOTAL - WATER DISTRIBUTION SYSTEM IMPROVEMENTS (SECTIONS D-F)				\$1,109,237.70		\$1,099,590.10
SUBTOTAL SECTION G - PHASE 2 MASTER STORM DRAINAGE IMPROVEMENTS				\$24,108.80		\$26,195.00
SUBTOTAL SECTION H - RESIDENTIAL STORM DRAINAGE SYSTEM IMPROVEMENTS				\$680,195.60		\$706,178.00
TOTAL - STORM DRAINAGE SYSTEM IMPROVEMENTS (SECTIONS G-H)				\$704,304.40		\$732,373.00
GRAND TOTAL - SECTIONS A-H				\$3,149,129.70		\$3,160,908.10
SUBTOTAL SECTION J - BONDS FOR UTILITY IMPROVEMENTS				\$42,000.00		\$37,000.00
<b>TOTAL AMOUNT BID</b>				<b>\$3,191,129.70</b>		<b>\$3,197,908.10</b>