



FORD ENGINEERING, INC

July 12, 2021
Project No. 1124.9403

John Nowak, PE
Engineering Department
City of Schertz
10 Commercial Place, Building 2
Schertz, TX 78154

Re: Elbel Road Storm Extension and Overlay, #2021-13
Recommendation of Award

Five (5) bids were received on the above referenced project at City of Schertz City Hall on July 8, 2021. No irregularities were noted.

The bid is to be awarded per a qualified bidder criteria established by the City of Schertz.

Review of the tabulation and scoring of bid packages received indicates that the apparent low bidder is R.L. Jones LP. with bid of \$1,864,762.03.

The Engineer's Estimate for construction was \$1,631,126.12. The average Bid was \$2,051,426.68.

Ford Engineering, Inc. called references provide by the lowest bidder for projects of similar scope or cost. The majority of the references were positive with regards to quality of work and working relationship for water and sewer construction.

Ford Engineering Inc. recommends that **R.L. Jones LP.** be awarded the contract for the above referenced project in the amount of **\$1,864,762.03.**

Should there be questions, or if further information is needed, please do not hesitate to call me at 210-590-4777.

Sincerely,

Mark B. Hill, PE
FORD ENGINEERING, INC.

Incl. Bid Tabulation, Verification of Low Bidder Unit prices, Summary of references called.

Elbel Road Storm Extension and Overlay Bid Tabulation Bid date: July 8, 2021 - 3:00 PM Project No. 1124.9403				BIDDERS									
				Alamo City Constructors		Jerdon Enterprises		Pesado Construction		RL Jones		San Antonio Constructors	
ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Road Mill and Overlay													
1502	Mobilization	LS	1	\$ 86,124.00	\$ 86,124.00	\$ 215,970.00	\$ 215,970.00	\$ 220,000.00	\$ 220,000.00	\$ 75,000.00	\$ 75,000.00	\$ 176,800.00	\$ 176,800.00
1410	TPDES -Storm Water Pollution Prevention Plan	LS	1	\$ 1,725.00	\$ 1,725.00	\$ 2,484.00	\$ 2,484.00	\$ 25,324.00	\$ 25,324.00	\$ 2,500.00	\$ 2,500.00	\$ 10,000.00	\$ 10,000.00
1555	Traffic Control and Regulation	LS	1	\$ 129,287.00	\$ 129,287.00	\$ 58,420.00	\$ 58,420.00	\$ 61,171.52	\$ 61,171.52	\$ 30,000.00	\$ 30,000.00	\$ 18,000.00	\$ 18,000.00
1570	Storm Water Pollution Control	LS	1	\$ 33,537.00	\$ 33,537.00	\$ 16,305.00	\$ 16,305.00	\$ 20,626.00	\$ 20,626.00	\$ 1,500.00	\$ 1,500.00	\$ 10,000.00	\$ 10,000.00
2221	Remove Concrete Curb	LF	68	\$ 10.00	\$ 680.00	\$ 7.00	\$ 476.00	\$ 5.30	\$ 360.40	\$ 1.00	\$ 68.00	\$ 20.00	\$ 1,360.00
2221	Remove Concrete Curb and Gutter	LF	694	\$ 7.00	\$ 4,858.00	\$ 8.00	\$ 5,552.00	\$ 5.10	\$ 3,539.40	\$ 1.00	\$ 694.00	\$ 5.00	\$ 3,470.00
2221	Remove Concrete Sidewalk and Driveway	SY	278	\$ 35.00	\$ 9,730.00	\$ 18.00	\$ 5,004.00	\$ 15.50	\$ 4,309.00	\$ 2.70	\$ 750.60	\$ 5.00	\$ 1,390.00
2221	Asphalt Surface 7" Wide Wedge Mill (2") (Both Sides)	SY	5607	\$ 10.00	\$ 56,070.00	\$ 3.30	\$ 18,503.10	\$ 4.56	\$ 25,567.92	\$ 2.25	\$ 12,615.75	\$ 5.00	\$ 28,035.00
2741	Asphalt Concrete Pavement Type D (Level Up)	TN	171	\$ 188.00	\$ 32,148.00	\$ 120.00	\$ 20,520.00	\$ 59.00	\$ 10,089.00	\$ 95.00	\$ 16,245.00	\$ 100.00	\$ 17,100.00
2741	Asphalt Concrete Pavement Type D (2")	TN	1688	\$ 127.00	\$ 214,376.00	\$ 87.00	\$ 146,856.00	\$ 69.00	\$ 116,472.00	\$ 75.00	\$ 126,800.00	\$ 90.00	\$ 151,920.00
2743	Tack Coat	GAL	756	\$ 6.00	\$ 4,536.00	\$ 3.75	\$ 2,835.00	\$ 3.00	\$ 2,268.00	\$ 3.25	\$ 2,457.00	\$ 6.00	\$ 4,536.00
2764	Raised Reflective Pavement Marking Type I (one reflective face)	EA	162	\$ 6.00	\$ 972.00	\$ 5.50	\$ 891.00	\$ 6.20	\$ 1,004.40	\$ 6.00	\$ 972.00	\$ 5.50	\$ 891.00
2764	Raised Reflective Pavement Marking Type II (two reflective face)	EA	162	\$ 6.00	\$ 972.00	\$ 6.60	\$ 1,069.20	\$ 6.20	\$ 1,004.40	\$ 6.00	\$ 972.00	\$ 6.50	\$ 1,053.00
2767	Thermoplastic Pavement Markings (White) (4")	LF	1312	\$ 1.00	\$ 1,312.00	\$ 1.15	\$ 1,508.80	\$ 1.00	\$ 1,312.00	\$ 1.75	\$ 2,296.00	\$ 1.00	\$ 1,312.00
2767	Thermoplastic Pavement Markings (White) (12")	LF	40	\$ 4.00	\$ 160.00	\$ 7.00	\$ 280.00	\$ 5.20	\$ 208.00	\$ 5.25	\$ 210.00	\$ 5.25	\$ 210.00
2767	Thermoplastic Pavement Markings (White) (24")	LF	371	\$ 10.00	\$ 3,710.00	\$ 12.00	\$ 4,452.00	\$ 7.20	\$ 2,671.20	\$ 10.20	\$ 3,784.20	\$ 8.00	\$ 2,968.00
2767	Thermoplastic Pavement Markings (Yellow) (4")	LF	4769	\$ 1.00	\$ 4,769.00	\$ 1.15	\$ 5,484.35	\$ 1.00	\$ 4,769.00	\$ 1.75	\$ 8,345.75	\$ 1.00	\$ 4,769.00
2767	Thermoplastic Pavement Symbols (Arrow)	EA	2	\$ 238.00	\$ 476.00	\$ 389.00	\$ 778.00	\$ 312.00	\$ 624.00	\$ 180.00	\$ 360.00	\$ 200.00	\$ 400.00
2771	Concrete Curb	LF	46	\$ 47.00	\$ 2,162.00	\$ 24.00	\$ 1,104.00	\$ 20.00	\$ 920.00	\$ 20.00	\$ 920.00	\$ 16.00	\$ 736.00
2771	Concrete Curb and Gutter	LF	476	\$ 38.00	\$ 18,088.00	\$ 40.00	\$ 19,040.00	\$ 20.00	\$ 9,520.00	\$ 30.00	\$ 14,280.00	\$ 18.00	\$ 8,568.00
2775	Concrete Sidewalk	SY	232	\$ 80.00	\$ 18,560.00	\$ 94.00	\$ 21,808.00	\$ 138.00	\$ 32,160.00	\$ 65.00	\$ 15,080.00	\$ 70.00	\$ 16,240.00
2911	Topsoil	CY	34	\$ 48.00	\$ 1,632.00	\$ 23.00	\$ 782.00	\$ 45.00	\$ 1,530.00	\$ 55.00	\$ 1,870.00	\$ 20.00	\$ 680.00
2922	Sodding	SY	299	\$ 10.00	\$ 2,990.00	\$ 17.00	\$ 5,083.00	\$ 6.00	\$ 1,794.00	\$ 15.00	\$ 4,485.00	\$ 7.00	\$ 2,093.00
Road Mill and Overlay Total				\$ 628,874.00	\$ 628,874.00	\$ 555,205.45	\$ 555,205.45	\$ 547,100.24	\$ 547,100.24	\$ 322,005.30	\$ 322,005.30	\$ 462,531.00	\$ 462,531.00
Drainage Improvements													
2260	Trench Safety System	LF	2380	\$ 1.00	\$ 2,380.00	\$ 3.50	\$ 8,330.00	\$ 3.00	\$ 7,140.00	\$ 8.00	\$ 19,040.00	\$ 2.00	\$ 4,760.00
2320	Flowable Fill	CY	2104	\$ 158.00	\$ 332,432.00	\$ 133.00	\$ 279,832.00	\$ 177.00	\$ 372,408.00	\$ 215.00	\$ 452,360.00	\$ 120.00	\$ 252,480.00
2320	Secondary Fill	CY	27	\$ 53.00	\$ 1,431.00	\$ 14.00	\$ 378.00	\$ 42.00	\$ 1,134.00	\$ 25.00	\$ 675.00	\$ 100.00	\$ 2,700.00
2631	Storm Sewer (RCP) (24")	LF	409	\$ 107.00	\$ 43,763.00	\$ 129.00	\$ 52,761.00	\$ 258.00	\$ 105,522.00	\$ 105.00	\$ 42,945.00	\$ 70.00	\$ 28,780.00
2631	Storm Sewer (RCP) (36")	LF	571	\$ 176.00	\$ 100,496.00	\$ 192.00	\$ 109,632.00	\$ 181.00	\$ 103,351.00	\$ 213.00	\$ 121,623.00	\$ 180.00	\$ 102,630.00
2631	Storm Sewer (RCP) (48")	LF	1323	\$ 252.00	\$ 333,936.00	\$ 276.00	\$ 365,148.00	\$ 266.00	\$ 351,918.00	\$ 305.00	\$ 403,515.00	\$ 300.00	\$ 396,900.00
2633	Precast Inlet (Complete) (10" Type C - Reverse)	EA	2	\$ 13,089.00	\$ 26,178.00	\$ 29,100.00	\$ 58,200.00	\$ 13,170.00	\$ 26,340.00	\$ 10,500.00	\$ 21,000.00	\$ 14,900.00	\$ 29,800.00
2633	Precast Inlet (Complete) (10" Type C)	EA	9	\$ 15,028.00	\$ 135,252.00	\$ 20,000.00	\$ 180,000.00	\$ 12,646.00	\$ 113,814.00	\$ 9,500.00	\$ 85,500.00	\$ 20,192.00	\$ 181,728.00
2633	Precast Inlet Extension (Complete) (10")	EA	9	\$ 5,087.00	\$ 45,783.00	\$ 5,130.00	\$ 46,170.00	\$ 9,238.00	\$ 83,142.00	\$ 4,250.00	\$ 38,250.00	\$ 7,300.00	\$ 65,700.00
2633	Precast Junction Box (5'x6')	EA	1	\$ 11,304.00	\$ 11,304.00	\$ 15,865.00	\$ 15,865.00	\$ 12,077.00	\$ 12,077.00	\$ 6,500.00	\$ 6,500.00	\$ 11,637.00	\$ 11,637.00
2633	Precast Junction Box (6'x6')	EA	4	\$ 14,850.00	\$ 59,400.00	\$ 22,440.00	\$ 89,760.00	\$ 12,643.00	\$ 50,572.00	\$ 7,700.00	\$ 30,800.00	\$ 16,000.00	\$ 64,000.00
2633	Precast Junction Box (7'x7')	EA	1	\$ 20,668.00	\$ 20,668.00	\$ 33,000.00	\$ 33,000.00	\$ 21,861.00	\$ 21,861.00	\$ 12,500.00	\$ 12,500.00	\$ 26,410.00	\$ 26,410.00
2633	Precast Junction Box (9'x9')	EA	1	\$ 39,849.00	\$ 39,849.00	\$ 40,400.00	\$ 40,400.00	\$ 29,701.00	\$ 29,701.00	\$ 25,000.00	\$ 25,000.00	\$ 37,000.00	\$ 37,000.00
2741	Asphalt Concrete Pavement Type D (3")	TN	230	\$ 286.00	\$ 65,780.00	\$ 134.00	\$ 30,820.00	\$ 86.00	\$ 19,780.00	\$ 65.00	\$ 14,950.00	\$ 100.00	\$ 23,000.00
misc	Concrete Box Culvert (72"x24")	LF	76	\$ 524.00	\$ 39,824.00	\$ 750.00	\$ 57,000.00	\$ 1,168.00	\$ 88,768.00	\$ 859.00	\$ 65,284.00	\$ 700.00	\$ 53,200.00
misc	Precast Inlet Riser	VF	17	\$ 62.00	\$ 1,054.00	\$ 1,073.00	\$ 18,241.00	\$ 490.00	\$ 8,330.00	\$ 200.00	\$ 3,400.00	\$ 275.00	\$ 4,675.00
misc	Concrete Collar	CY	15	\$ 280.00	\$ 4,200.00	\$ 477.00	\$ 7,155.00	\$ 1,520.00	\$ 22,800.00	\$ 275.00	\$ 4,125.00	\$ 200.00	\$ 3,000.00
misc	Remove and Replace Ornamental Fence	LF	20	\$ 59.00	\$ 1,180.00	\$ 40.00	\$ 800.00	\$ 342.00	\$ 6,840.00	\$ 125.00	\$ 2,500.00	\$ 100.00	\$ 2,000.00
Drainage Improvements Total				\$ 1,264,370.00	\$ 1,264,370.00	\$ 1,393,492.00	\$ 1,393,492.00	\$ 1,425,498.00	\$ 1,425,498.00	\$ 1,349,967.00	\$ 1,349,967.00	\$ 1,290,400.00	\$ 1,290,400.00
Elbel & Westchester Dr Traffic Signal													
416	Drill Shaft (TRF SIG Pole) (24 IN)	LF	11.4	\$ 214.00	\$ 2,439.60	\$ 255.00	\$ 2,907.00	\$ 179.00	\$ 2,040.60	\$ 158.00	\$ 1,801.20	\$ 224.00	\$ 2,553.60
416	Drill Shaft (TRF SIG Pole) (30 IN)	LF	45.2	\$ 250.00	\$ 11,300.00	\$ 278.00	\$ 12,565.60	\$ 181.00	\$ 8,181.20	\$ 160.00	\$ 7,232.00	\$ 244.00	\$ 11,028.80
618	CONDT (PVC) (SCH 80) (2")	LF	199	\$ 18.00	\$ 3,582.00	\$ 17.00	\$ 3,383.00	\$ 14.50	\$ 2,885.50	\$ 13.00	\$ 2,587.00	\$ 18.00	\$ 3,582.00
618	CONDT (PVC) (SCH 80) (2") (Bore)	LF	243	\$ 30.00	\$ 7,290.00	\$ 46.00	\$ 11,178.00	\$ 51.00	\$ 12,393.00	\$ 45.00	\$ 10,935.00	\$ 42.00	\$ 10,206.00
618	CONDT (PVC) (SCH 80) (3")	LF	230	\$ 27.00	\$ 6,210.00	\$ 33.00	\$ 7,590.00	\$ 18.00	\$ 4,140.00	\$ 16.00	\$ 3,680.00	\$ 30.00	\$ 6,900.00
618	CONDT (PVC) (SCH 80) (3") (Bore)	LF	486	\$ 39.00	\$ 18,954.00	\$ 49.00	\$ 23,814.00	\$ 62.00	\$ 30,132.00	\$ 55.00	\$ 26,730.00	\$ 42.00	\$ 20,412.00
620	ELEC Conductor (NO. 6) Bare	LF	1158	\$ 0.80	\$ 926.40	\$ 2.00	\$ 2,316.00	\$ 2.00	\$ 2,316.00	\$ 1.43	\$ 1,655.94	\$ 1.70	\$ 1,968.60
620	ELEC Conductor (NO. 6) Insulated	LF	100	\$ 1.20	\$ 120.00	\$ 2.00	\$ 200.00	\$ 1.85	\$ 185.00	\$ 1.43	\$ 143.00	\$ 1.90	\$ 190.00
621	Trey Cable (3 COND) (12 AWG)	LF	655	\$ 1.10	\$ 720.50	\$ 2.00	\$ 1,310.00	\$ 2.00	\$ 1,310.00	\$ 1.63	\$ 1,067.65	\$ 1.80	\$ 1,179.00
624	Ground Box TY D (162922)	EA	4	\$ 1,035.00	\$ 4,140.00	\$ 1,277.00	\$ 5,108.00	\$ 787.00	\$ 3,148.00	\$ 695.00	\$ 2,780.00	\$ 1,200.00	\$ 4,800.00
628	ELC SRV TY D 120/240 060(NS)SS(E)GC(O)	EA	1	\$ 5,949.00	\$ 5,949.00	\$ 7,590.00	\$ 7,590.00	\$ 5,510.00	\$ 5,510.00	\$ 4,868.00	\$ 4,868.00	\$ 6,800.00	\$ 6,800.00
680	Install HWY TRF SIG (Isolated)	EA	1	\$ 29,747.00	\$ 29,747.00	\$ 23,690.00	\$ 23,690.00	\$ 26,182.00	\$ 26,182.00	\$ 23,130.00	\$ 23,130.00	\$ 21,200.00	\$ 21,200.00
682	VEH SIG SEC (12") LED (GRN)	EA	8	\$ 171.00	\$ 1,368.00	\$ 282.00	\$ 2,256.00	\$ 233.00	\$ 1,864.00	\$ 206.00	\$ 1,648.00	\$ 248.00	\$ 1,984.00
682	VEH SIG SEC (12") LED (YEL)	EA	8	\$ 171.00	\$ 1,368.00	\$ 282.00	\$ 2,256.00	\$ 233.00	\$ 1,864.00	\$ 206.00	\$ 1,648.00	\$ 248.00	\$ 1,984.00
682	VEH SIG SEC (12") LED (RED)	EA	8	\$ 171.00	\$ 1,368.00	\$ 282.00	\$ 2,256.00	\$ 233.00	\$ 1,864.00	\$ 206.00	\$ 1,648.00	\$ 248.00	\$ 1,984.00
682	PED SIG SEC (LED) (Countdown)	EA	8	\$ 350.00	\$ 2,800.00	\$ 748.00	\$ 5,984.00	\$ 489.00	\$ 3,912.00	\$ 432.00	\$ 3,456.00	\$ 650.00	\$ 5,200.00
682	Back Plate w/REFL BRDR (3 SEC) ALUM	EA	8	\$ 83.00	\$ 664.00	\$ 132.00	\$ 1,056.00	\$ 104.00	\$ 832.00	\$ 92.00	\$ 736.00	\$ 125.00	\$ 1,000.00
684	TRF SIG CBL (TY A) (14 AWG) (3CONDR)	LF	2508	\$ 1.80	\$ 4,514.40	\$ 2.65	\$ 6,646.20	\$ 2.30	\$ 5,768.40	\$ 2.05	\$ 5,141.40	\$ 2.50	\$ 6,270.00
684	TRF SIG CBL (TY A) (16 AWG) (3CONDR)	LF	1106	\$ 0.40	\$ 442.40	\$ 1.20	\$ 1,327.20	\$ 1.20	\$ 1,327.20	\$ 1.02	\$ 1,128.12	\$ 1.30	\$ 1,437.80
685	Remove RDS Flash Beacon Assembly	EA	2	\$ 1,428.00	\$ 2,856.00	\$ 920.00	\$ 1,840.00	\$ 1,304.00	\$ 2,608.00	\$ 1,152.00	\$ 2,304.00	\$ 825.00	\$ 1,650.00
686	INS TRF SIG PL AM(S)1 ARM (28") LUM	EA	2	\$ 10,769.00	\$ 21,538.00								

Low Bidder Verification				RL Jones		Average Unit Price		Lowest Unit Price Bid		Engineer		Comments
Item No.	Item Description	UNIT	Quantity	Unit Price	Cost	Unit Price	% Diff	Unit Price	% Diff	Unit Price	% Diff	
1502	Mobilization	LS	1	\$ 75,000.00	\$ 75,000.00	\$ 154,778.80	-52%	\$ 75,000.00	0%	\$ 131,839.92	-43%	Less than 50% of average unit price
1410	TPDES -Storm Water Pollution Prevention Plan	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 8,406.60	-70%	\$ 1,725.00	45%	\$ 35,956.34	-93%	Less than 50% of average unit price
1555	Traffic Control and Regulation	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 59,375.70	-49%	\$ 18,000.00	67%	\$ 35,956.34	-17%	Less than average and large percentage of total project cost
1570	Storm Water Pollution Control	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 16,393.60	-91%	\$ 1,500.00	0%	\$ 35,956.34	-96%	Less than 50% of average unit price
2221	Remove Concrete Curb	LF	68	\$ 1.00	\$ 68.00	\$ 8.66	-88%	\$ 1.00	0%	\$ 5.00	-80%	Less than 50% of average unit price
2221	Remove Concrete Curb and Gutter	LF	694	\$ 1.00	\$ 694.00	\$ 5.22	-81%	\$ 1.00	0%	\$ 8.00	-88%	Less than 50% of average unit price
2221	Remove Concrete Sidewalk and Driveway	SY	278	\$ 2.70	\$ 750.60	\$ 15.24	-82%	\$ 2.70	0%	\$ 11.00	-75%	Less than 50% of average unit price
2221	Asphalt Surface 7' Wide Wedge Mill (2") (Both Sides)	SY	5607	\$ 2.25	\$ 12,615.75	\$ 5.02	-55%	\$ 2.25	0%	\$ 4.00	-44%	Less than 50% of average unit price
2741	Asphalt Concrete Pavement Type D (Level Up)	TN	171	\$ 95.00	\$ 16,245.00	\$ 112.40	-15%	\$ 59.00	61%	\$ 125.00	-24%	Within Reason
2741	Asphalt Concrete Pavement Type D (2")	TN	1688	\$ 75.00	\$ 126,600.00	\$ 89.60	-16%	\$ 69.00	9%	\$ 125.00	-40%	Within Reason
2743	Tack Coat	GAL	756	\$ 3.25	\$ 2,457.00	\$ 4.40	-26%	\$ 3.00	8%	\$ 3.10	5%	Within Reason
2764	Raised Reflective Pavement Marking Type I (one reflective face)	EA	162	\$ 6.00	\$ 972.00	\$ 5.84	3%	\$ 5.50	9%	\$ 8.00	-25%	Within Reason
2764	Raised Reflective Pavement Marking Type II (two reflective face)	EA	162	\$ 6.00	\$ 972.00	\$ 6.26	-4%	\$ 6.00	0%	\$ 8.00	-25%	Within Reason
2767	Thermoplastic Pavement Markings (White) (4")	LF	1312	\$ 1.75	\$ 2,296.00	\$ 1.18	48%	\$ 1.00	75%	\$ 1.76	-1%	Within Reason
2767	Thermoplastic Pavement Markings (White) (12")	LF	40	\$ 5.25	\$ 210.00	\$ 5.34	-2%	\$ 4.00	31%	\$ 3.52	49%	Within Reason
2767	Thermoplastic Pavement Markings (White) (24")	LF	371	\$ 10.20	\$ 3,784.20	\$ 9.48	8%	\$ 7.20	42%	\$ 5.50	85%	Within Reason
2767	Thermoplastic Pavement Markings (Yellow) (4")	LF	4769	\$ 1.75	\$ 8,345.75	\$ 1.18	48%	\$ 1.00	75%	\$ 3.30	-47%	Within Reason
2767	Thermoplastic Pavement Symbols (Arrow)	EA	2	\$ 180.00	\$ 360.00	\$ 263.80	-32%	\$ 180.00	0%	\$ 800.00	-78%	Within Reason
2771	Concrete Curb	LF	46	\$ 20.00	\$ 920.00	\$ 25.40	-21%	\$ 16.00	25%	\$ 20.00	0%	Within Reason
2771	Concrete Curb and Gutter	LF	476	\$ 30.00	\$ 14,280.00	\$ 29.20	3%	\$ 18.00	67%	\$ 25.00	20%	Within Reason
2775	Concrete Sidewalk	SY	232	\$ 65.00	\$ 15,080.00	\$ 89.40	-27%	\$ 65.00	0%	\$ 42.00	55%	Within Reason
2911	Topsoil	CY	34	\$ 55.00	\$ 1,870.00	\$ 38.20	44%	\$ 20.00	175%	\$ 28.00	96%	Within Reason
2922	Sodding	SY	299	\$ 15.00	\$ 4,485.00	\$ 11.00	36%	\$ 6.00	150%	\$ 7.00	114%	Within Reason
Road Mill and Overlay Total				\$ 322,005.30								
2260	Trench Safety System	LF	2380	\$ 8.00	\$ 19,040.00	\$ 3.50	129%	\$ 1.00	700%	\$ 3.00	167%	Within Reason
2320	Flowable Fill	CY	2104	\$ 215.00	\$ 452,360.00	\$ 160.60	34%	\$ 120.00	79%	\$ 110.00	95%	Within Reason
2320	Secondary Fill	CY	27	\$ 25.00	\$ 675.00	\$ 46.80	-47%	\$ 14.00	79%	\$ 110.00	-77%	Within Reason
2631	Storm Sewer (RCP) (24")	LF	409	\$ 105.00	\$ 42,945.00	\$ 133.80	-22%	\$ 70.00	50%	\$ 76.00	38%	Within Reason
2631	Storm Sewer (RCP) (36")	LF	571	\$ 213.00	\$ 121,623.00	\$ 188.40	13%	\$ 176.00	21%	\$ 130.00	64%	Within Reason
2631	Storm Sewer (RCP) (48")	LF	1323	\$ 305.00	\$ 403,515.00	\$ 279.80	9%	\$ 252.00	21%	\$ 211.00	45%	Within Reason
2633	Precast Inlet (Complete) (10' Type C - Reverse)	EA	2	\$ 10,500.00	\$ 21,000.00	\$ 16,151.80	-35%	\$ 10,500.00	0%	\$ 10,135.00	4%	Within Reason
2633	Precast Inlet (Complete) (10' Type C)	EA	9	\$ 9,500.00	\$ 85,500.00	\$ 15,473.20	-39%	\$ 9,500.00	0%	\$ 10,135.00	-6%	Within Reason
2633	Precast Inlet Extension (Complete) (10')	EA	9	\$ 4,250.00	\$ 38,250.00	\$ 6,201.00	-31%	\$ 4,250.00	0%	\$ 913.00	365%	Within Reason
2633	Precast Junction Box (5'x5')	EA	1	\$ 6,500.00	\$ 6,500.00	\$ 11,476.60	-43%	\$ 6,500.00	0%	\$ 4,090.00	59%	Within Reason
2633	Precast Junction Box (6'x6')	EA	4	\$ 7,700.00	\$ 30,800.00	\$ 14,726.60	-48%	\$ 7,700.00	0%	\$ 7,280.00	6%	Within Reason
2633	Precast Junction Box (7'x7')	EA	1	\$ 12,500.00	\$ 12,500.00	\$ 22,887.80	-45%	\$ 12,500.00	0%	\$ 10,400.00	20%	Within Reason
2633	Precast Junction Box (9'x9')	EA	1	\$ 25,000.00	\$ 25,000.00	\$ 34,390.00	-27%	\$ 25,000.00	0%	\$ 13,790.00	81%	Within Reason
2741	Asphalt Concrete Pavement Type D (3")	TN	230	\$ 65.00	\$ 14,950.00	\$ 134.20	-52%	\$ 65.00	0%	\$ 125.00	-48%	Less than 50% of average unit price
misc	Concrete Box Culvert (72"x24")	LF	76	\$ 859.00	\$ 65,284.00	\$ 800.20	7%	\$ 524.00	64%	\$ 530.00	62%	Within Reason
misc	Precast Inlet Riser	VF	17	\$ 200.00	\$ 3,400.00	\$ 420.00	-52%	\$ 62.00	223%	\$ 550.00	-64%	Less than 50% of average unit price
misc	Concrete Collar	CY	15	\$ 275.00	\$ 4,125.00	\$ 550.40	-50%	\$ 200.00	38%	\$ 8.00	3338%	Less than 50% of average unit price
misc	Remove and Replace Ornamental Fence	LF	20	\$ 125.00	\$ 2,500.00	\$ 133.20	-6%	\$ 40.00	213%	\$ 40.00	213%	Within Reason
Drainage Improvements Total				\$ 1,349,967.00								
416	Drill Shaft (TRF SIG Pole) (24 IN)	LF	11	\$ 158.00	\$ 1,738.00	\$ 206.00	-23%	\$ 158.00	0%	\$ 200.07	-21%	Within Reason
416	Drill Shaft (TRF SIG Pole) (30 IN)	LF	45	\$ 160.00	\$ 7,200.00	\$ 222.60	-28%	\$ 160.00	0%	\$ 286.92	-44%	Within Reason
618	CONDT (PVC) (SCH 80) (2")	LF	199	\$ 13.00	\$ 2,587.00	\$ 16.10	-19%	\$ 13.00	0%	\$ 16.28	-20%	Within Reason
618	CONDT (PVC) (SCH 80) (2") (Bore)	LF	243	\$ 45.00	\$ 10,935.00	\$ 42.80	5%	\$ 30.00	50%	\$ 37.81	19%	Within Reason
618	CONDT (PVC) (SCH 80) (3")	LF	230	\$ 16.00	\$ 3,680.00	\$ 24.80	-35%	\$ 16.00	0%	\$ 18.47	-13%	Within Reason
618	CONDT (PVC) (SCH 80) (3") (Bore)	LF	486	\$ 55.00	\$ 26,730.00	\$ 49.40	11%	\$ 39.00	41%	\$ 28.85	91%	Within Reason
620	ELEC Conductor (NO. 6) Bare	LF	1158	\$ 1.43	\$ 1,655.94	\$ 1.59	-10%	\$ 0.80	79%	\$ 1.55	-8%	Within Reason
620	ELEC Conductor (NO. 6) Insulated	LF	100	\$ 1.43	\$ 143.00	\$ 1.68	-15%	\$ 1.20	19%	\$ 1.71	-16%	Within Reason
621	Tray Cable (3 COND) (12 AWG)	LF	655	\$ 1.63	\$ 1,067.65	\$ 1.71	-4%	\$ 1.10	48%	\$ 2.41	-32%	Within Reason
624	Ground Box TY D (162922)	EA	4	\$ 695.00	\$ 2,780.00	\$ 998.80	-30%	\$ 695.00	0%	\$ 843.64	-18%	Within Reason
628	ELC SRV TY D 120/240 060(NS)/S(E)/G(C/O)	EA	1	\$ 4,868.00	\$ 4,868.00	\$ 6,143.40	-21%	\$ 4,868.00	0%	\$ 6,010.28	-19%	Within Reason
680	Install HWY TRF SIG (Isolated)	EA	1	\$ 23,130.00	\$ 23,130.00	\$ 24,789.80	-7%	\$ 21,200.00	9%	\$ 23,473.93	-1%	Within Reason
682	VEH SIG SEC (12") LED (GRN)	EA	8	\$ 206.00	\$ 1,648.00	\$ 228.00	-10%	\$ 171.00	20%	\$ 231.52	-11%	Within Reason
682	VEH SIG SEC (12") LED (YEL)	EA	8	\$ 206.00	\$ 1,648.00	\$ 228.00	-10%	\$ 171.00	20%	\$ 281.87	-27%	Within Reason
682	VEH SIG SEC (12") LED (RED)	EA	8	\$ 206.00	\$ 1,648.00	\$ 228.00	-10%	\$ 171.00	20%	\$ 235.88	-13%	Within Reason
682	PED SIG SEC (LED) (Countdown)	EA	8	\$ 432.00	\$ 3,456.00	\$ 533.80	-19%	\$ 350.00	23%	\$ 960.94	-23%	Within Reason
682	Back Plate w/REFL BRDR (3 SEC) ALUM	EA	8	\$ 92.00	\$ 736.00	\$ 107.20	-14%	\$ 83.00	11%	\$ 132.81	-31%	Within Reason
684	TRF SIG CBL (TY A) (14 AWG) (9COND)	LF	2508	\$ 2.05	\$ 5,141.40	\$ 2.26	-9%	\$ 1.80	14%	\$ 2.67	-23%	Within Reason
684	TRF SIG CBL (TY A) (16 AWG) (3COND)	LF	1106	\$ 1.02	\$ 1,128.12	\$ 1.02	0%	\$ 0.40	155%	\$ 1.59	-36%	Within Reason
685	Remove RDS Flash Beacon Assembly	EA	2	\$ 1,152.00	\$ 2,304.00	\$ 1,125.80	2%	\$ 825.00	40%	\$ 879.58	31%	Within Reason
686	INS TRF SIG PL AM(S)1 ARM (28") LUM	EA	2	\$ 9,321.00	\$ 18,642.00	\$ 9,631.20	-3%	\$ 8,200.00	14%	\$ 8,275.09	13%	Within Reason
686	INS TRF SIG PL AM(S)1 ARM (32") LUM	EA	2	\$ 9,968.00	\$ 19,936.00	\$ 10,449.80	-5%	\$ 9,150.00	9%	\$ 8,157.91	22%	Within Reason
687	PED Pole Assembly	EA	2	\$ 543.00	\$ 1,086.00	\$ 741.00	-27%	\$ 494.00	10%	\$ 2,041.97	-73%	Within Reason
688	PED Detect Push Button (APS)	EA	8	\$ 659.00	\$ 5,272.00	\$ 733.60	-10%	\$ 577.00	14%	\$ 793.48	-17%	Within Reason
688	PED Detector Controller Unit	EA	1	\$ 2,730.00	\$ 2,730.00	\$ 3,184.60	-14%	\$ 2,730.00	0%	\$ 3,137.69	-13%	Within Reason
6058	BBU System (External Batt Cabinet)	EA	1	\$ 6,736.00	\$ 6,736.00	\$ 7,155.00	-6%	\$ 6,736.00	0%	\$ 7,326.20	-9%	Within Reason
misc	Gridsmart Fisheye Detection System	EA	1	\$ 23,253.00	\$ 23,253.00	\$ 22,964.00	1%	\$ 18,800.00	24%	\$ 17,600.00	32%	Within Reason
misc	Gridsmart Fisheye Cable	LF	103	\$ 2.03	\$ 209.09	\$ 1.39	46%	\$ 0.60	238%	\$ 2.50	-19%	Within Reason
misc	GPS Time Clock	EA	2	\$ 585.00	\$ 1,170.00	\$ 433.00	35%	\$ 121.00	383%	\$ 5,000.00	-88%	Within Reason
misc	Emergency Preemption Phase Selector	EA	1	\$ 3,900.00	\$ 3,900.00	\$ 4,507.20	-13%	\$ 3,900.00	0%	\$ 4,239.36	-8%	Within Reason
misc	Emergency Preemption Phase Detector	EA	1	\$ 4,053.00	\$ 4,053.00	\$ 2,355.40	72%	\$ 964.00	320%	\$ 1,197.86	238%	Within Reason
misc	Emergency Preemption Phase Detector Cable	LF	703	\$ 2.11	\$ 1,483.33	\$ 2.02	4%	\$ 0.70	201%	\$ 2.43	-13%	Within Reason
Traffic Signal Total				\$ 192,789.73								

Red items are where the % change to average is greater than 50% or the item cost was significantly low and represent a large portion of total project cost

Contacted Luis Cueller with RPS

Calling a Contractor's references

R.L. Jones LP has listed the Antler Dr Rdwy improvements as a reference on a recent bid
(Contractor's name) (Referenced project name/Owner)

proposal. May I ask a few questions about the project/Contractor?

1. What kind of work did (Contractor's name) perform for (referenced project name)?

mostly rdwy reconst.

SAWS utility

minor change

storm swr extens
few inlets

2. How was the project awarded? (Low bidder, qualified bidder, other)

Lowest

3. Was the project completed on time? If not, why?

Yes

4. Was the project completed on or under budget? If not, why? Were the increases considered reasonable?

not contractor's
fault

5. Did the completed project meet expectations?

Yes

6. Would (Contractor's name) be accepted by the client for another project?

Yes

Contacted Roger Lawhead

Calling a Contactor's references

R.L. Jones LP has listed the Glenam Place street reconst. as a reference on a recent bid
(Contractor's name) (Referenced project name/Owner)

proposal. May I ask a few questions about the project/Contractor?

1. What kind of work did (Contractor's name) perform for (referenced project name)?

built street reconst.
drainage

2. How was the project awarded? (Low bidder, qualified bidder, other)

lowest

3. Was the project completed on time? If not, why?

yes

4. Was the project completed on or under budget? If not, why? Were the increases considered reasonable?

under even with 3 change orders

5. Did the completed project meet expectations?

yes

6. Would (Contractor's name) be accepted by the client for another project?

Great job Cooperative

several lot owners worked with RL Jones.

Contacted Natalie Griffith with Habitat for Humanity

Calling a Contractor's references

RL Jones LP has listed the Rancho Carlota Subd. as a reference on a recent bid
(Contractor's name) (Referenced project name/Owner)

proposal. May I ask a few questions about the project/Contractor?

1. What kind of work did (Contractor's name) perform for (referenced project name)?

Street, water, Sewer, drainage

2. How was the project awarded? (Low bidder, qualified bidder, other)

Qualified (met Section 3 Requirements for Federal jobs)

3. Was the project completed on time? If not, why?

no, but due to drainage issues.
RL Jones was excellent.

4. Was the project completed on or under budget? If not, why? Were the increases considered reasonable?

over, but due to drainage issues, staff changes on Habitat for Humanity's end, city change orders.

5. Did the completed project meet expectations?

Yes

6. Would (Contractor's name) be accepted by the client for another project?

Yes - just won bid for new project.