

**PRICE ANALYSIS**

**Bid No. N2114545C1**  
**Construction of Wiles Road from Riverside Drive to Rock Island Road**  
**Agency: Highway Construction and Engineering Division**  
**Purchasing Agent: Carolyn Messersmith**

Date Bid Posted: 7/14/2017  
 Date Bid Opened: 8/30/2017  
 Bid Submittals: 10  
 Declinations: 0



Tabulation of Bids		HCED/Engineer's Cost Estimate	Russell Engineering, Inc.	Percent Difference (Recommended Bidder versus Engineer's Estimate)
Group #	Group Description	Total Price	Price	
1	General Conditions	\$ 100,000.00	\$ 100,000.00	0%
2	General Construction	\$ 1,512,437.97	\$ 1,363,314.54	-11%
3	Roadway	\$ 4,802,217.44	\$ 3,864,812.35	-24%
4	Signing and Pavement Marking	\$ 179,268.71	\$ 146,539.49	-22%
5	Signalization	\$ 908,763.40	\$ 677,296.50	-34%
6	Lighting	\$ 93,679.36	\$ 110,594.00	15%
7	Landscaping	\$ 386,502.02	\$ 278,726.50	-39%
8	Irrigation	\$ 176,178.60	\$ 130,775.00	-35%
9	City of Coral Springs Utility	\$ 1,615,952.50	\$ 927,497.00	-74%
10	Bid Allowance for Permits	\$ 25,000.00	\$ 25,000.00	0%
<b>Total</b>		<b>\$ 9,800,000.00</b>	<b>\$ 7,624,555.38</b>	<b>-29%</b>

**Note:**

The lowest bid received was compared against the engineer's cost estimate that uses the overall area costs based on historical industry prices for similar items of work being performed. Fluctuations in costs between the average costs and the bid costs may be present due to availability of materials and labor forces, market demand, economic activity, and overall bidding preferences of the contractor.

**PRICE ANALYSIS**

**Bid No. N2114545C1**  
**Construction of Wiles Road from Riverside Drive to Rock Island Road**  
 Agency: Highway Construction and Engineering Division  
 Purchasing Agent: Carolyn Messersmith

Date Bid Posted: 7/14/2017  
 Date Bid Opened: 8/30/2017  
 Bid Submittals: 10  
 Declinations: 0



Tabulation of Bids				HCED/Engineer's Cost Estimate		Russell Engineering		Percent Difference (Recommended Bidder versus Engineer's Estimate)
Item #	Item	Qty	Unit	Price	Total	Price	Total	
N2114545C1--01-01	PERFORMANCE AND PAYMENT BOND PREMIUM	1	lump sum	\$ 50,000.00	\$ 50,000.00	\$ 75,000.00	\$ 75,000.00	31%
N2114545C1--01-02	INSURANCE PREMIUM	1	lump sum	\$ 50,000.00	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00	-9%
Total				\$	100,000.00	\$	100,000.00	0%

**PRICE ANALYSIS**

**Bid No. N2114545C1**  
**Construction of Wiles Road from Riverside Drive to Rock Island Road**  
 Agency: Highway Construction and Engineering Division  
 Purchasing Agent: Carolyn Messersmith

Date Bid Posted: 7/14/2017  
 Date Bid Opened: 8/30/2017  
 Bid Submittals: 10  
 Declinations: 0



Tabulation of Bids				HCED/Engineer's Cost Estimate		Russell Engineering		Percent Difference (Recommended Bidder versus Engineer's Estimate)
Item #	Item	Qty	Unit	Price	Total	Price	Total	
N2114545C1--02-01	MOBILIZATION	1	lump sum	\$ 750,000.00	\$ 750,000.00	\$ 755,013.00	\$ 755,013.00	-1%
N2114545C1--02-02	SPECIAL CONSTRUCTION SIGN	2	assembly	\$ 3,806.25	\$ 7,612.50	\$ 1,000.00	\$ 2,000.00	74%
N2114545C1--02-03	MAINTENANCE OF TRAFFIC	1	lump sum	\$ 622,744.82	\$ 622,744.82	\$ 505,513.00	\$ 505,513.00	19%
N2114545C1--02-04	SEDIMENT BARRIER	12158	linear foot	\$ 2.63	\$ 31,913.78	\$ 1.13	\$ 13,738.54	57%
N2114545C1--02-05	FLOATING TURBIDITY BARRIER	200	linear foot	\$ 19.56	\$ 3,912.50	\$ 15.00	\$ 3,000.00	23%
N2114545C1--02-06	INLET PROTECTION SYSTEM	75	each	\$ 296.73	\$ 22,254.38	\$ 150.00	\$ 11,250.00	49%
N2114545C1--02-07	FIELD OFFICE GREATER THAN OR EQUAL TO 900 SQUARE FEET	600	day	\$ 115.00	\$ 69,000.00	\$ 113.00	\$ 67,800.00	2%
N2114545C1--02-08	AUDIO-VISUAL PRE CONSTRUCTION AND POST CONSTRUCTION REC	1	lump sum	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0%
Total				\$	1,512,437.97	\$	1,363,314.54	10%

PRICE ANALYSIS

Bid No. N2114545C1  
Construction of Wiles Road from Riverside Drive to Rock Island Road  
Agency: Highway Construction and Engineering Division  
Purchasing Agent: Carolyn Messersmith

Date Bid Posted: 7/14/2017  
Date Bid Opened: 8/30/2017  
Bid Submittals: 10  
Declinations: 0



Tabulation of Bids				HCED/Engineer's Cost Estimate		Russell Engineering		Percent Difference (Recommended Bidder versus Engineer's Estimate)
Item #	Item	Qty	Unit	Price	Total	Price	Total	
N2114545C1--03-01	CLEARING & GRUBBING	6.2	acre	\$ 68,750.00	\$ 426,250.00	\$ 55,013.00	\$ 341,080.60	20%
N2114545C1--03-02	REGULAR EXCAVATION	9983	cubic yard	\$ 5.66	\$ 56,528.74	\$ 13.00	\$ 129,779.00	-130%
N2114545C1--03-03	EMBANKMENT	803	cubic yard	\$ 22.50	\$ 18,067.50	\$ 3.00	\$ 2,409.00	87%
N2114545C1--03-04	TYPE B STABILIZATION	18795	square yard	\$ 4.89	\$ 91,860.56	\$ 3.00	\$ 56,385.00	39%
N2114545C1--03-05	OPTIONAL BASE BASE GROUP 09	14620	square yard	\$ 16.64	\$ 243,240.25	\$ 17.50	\$ 255,850.00	-5%
N2114545C1--03-06	MILLING EXIST ASPH PAVT 1 AVG DEPTH	45673	square yard	\$ 3.29	\$ 150,149.99	\$ 2.75	\$ 125,600.75	16%
N2114545C1--03-07	SUPERPAVE ASPHALTIC CONC TRAFFIC C	5122	ton	\$ 126.00	\$ 645,372.00	\$ 115.00	\$ 589,030.00	9%
N2114545C1--03-08	ASPHALT CONCRETE FRICTION COURSE TRAFFIC C FC-9.5 PG 76-2	3317	ton	\$ 179.49	\$ 595,360.04	\$ 135.00	\$ 447,795.00	25%
N2114545C1--03-09	CONCRETE CLASS NS GRAVITY WALL	112	cubic yard	\$ 196.88	\$ 22,050.00	\$ 450.00	\$ 50,400.00	-129%
N2114545C1--03-10	CONCRETE CLASS I ENDWALLS	9.06	cubic yard	\$ 1,395.69	\$ 12,644.93	\$ 1,300.00	\$ 11,778.00	7%
N2114545C1--03-11	CONCRETE CLASS II RETAINING WALLS	377	cubic yard	\$ 862.50	\$ 325,162.50	\$ 600.00	\$ 226,200.00	30%
N2114545C1--03-12	INLETS CURB TYPE 9 <10	1	each	\$ 5,250.00	\$ 5,250.00	\$ 4,045.00	\$ 4,045.00	23%
N2114545C1--03-13	INLETS CURB TYPE P-1 <10	2	each	\$ 5,957.04	\$ 11,914.08	\$ 4,400.00	\$ 8,800.00	26%
N2114545C1--03-14	INLETS CURB TYPE P-2 PARTIAL	3	each	\$ 7,507.28	\$ 22,521.83	\$ 2,950.00	\$ 8,850.00	61%
N2114545C1--03-15	INLETS CURB TYPE P-3 <10	3	each	\$ 6,177.06	\$ 18,531.19	\$ 4,400.00	\$ 13,200.00	29%
N2114545C1--03-16	INLETS CURB TYPE P-5 <10	8	each	\$ 7,218.75	\$ 57,750.00	\$ 4,315.00	\$ 34,520.00	40%
N2114545C1--03-17	INLETS CURB TYPE P-6 <10	9	each	\$ 7,875.00	\$ 70,875.00	\$ 4,920.00	\$ 44,280.00	38%
N2114545C1--03-18	INLETS CURB TYPE P-6 PARTIAL	2	each	\$ 3,937.50	\$ 7,875.00	\$ 2,910.00	\$ 5,820.00	26%
N2114545C1--03-19	INLETS CURB TYPE J-5 <10	2	each	\$ 10,762.50	\$ 21,525.00	\$ 8,450.00	\$ 16,900.00	21%
N2114545C1--03-20	INLETS CURB TYPE J-5 >10	2	each	\$ 11,156.25	\$ 22,312.50	\$ 9,805.00	\$ 19,610.00	12%
N2114545C1--03-21	INLETS CURB TYPE J-5 MODIFY	1	each	\$ 16,732.44	\$ 16,732.44	\$ 10,950.00	\$ 10,950.00	35%
N2114545C1--03-22	INLETS DITCH BOTTOM TYPE C MODIFIED- BACK OF SIDEWALK <1	4	each	\$ 4,194.78	\$ 16,779.10	\$ 3,000.00	\$ 12,000.00	28%
N2114545C1--03-23	DRAINAGE MANHOLES J-7 MODIFY	3	each	\$ 18,750.00	\$ 56,250.00	\$ 16,850.00	\$ 50,550.00	10%
N2114545C1--03-24	MANHOLES P-7 PARTIAL	12	each	\$ 3,281.25	\$ 39,375.00	\$ 3,670.00	\$ 44,040.00	-12%
N2114545C1--03-25	MANHOLES P-8 <10	5	each	\$ 7,612.50	\$ 38,062.50	\$ 4,050.00	\$ 20,250.00	47%
N2114545C1--03-26	MANHOLES P-8 >10	2	each	\$ 8,925.00	\$ 17,850.00	\$ 4,215.00	\$ 8,430.00	53%
N2114545C1--03-27	MANHOLES J-7 >10	2	each	\$ 17,856.43	\$ 35,712.85	\$ 12,885.00	\$ 25,770.00	28%
N2114545C1--03-28	MANHOLES J-7 PARTIAL	2	each	\$ 4,318.54	\$ 8,637.08	\$ 2,490.00	\$ 4,980.00	42%
N2114545C1--03-29	MANHOLES J-8 <10	3	each	\$ 8,400.00	\$ 25,200.00	\$ 4,700.00	\$ 14,100.00	44%
N2114545C1--03-30	MANHOLES J-8 >10	1	each	\$ 10,631.25	\$ 10,631.25	\$ 14,850.00	\$ 14,850.00	-40%
N2114545C1--03-31	MANHOLES J-8 PARTIAL	1	each	\$ 7,875.00	\$ 7,875.00	\$ 2,370.00	\$ 2,370.00	70%
N2114545C1--03-32	INLET ADJUST	1	each	\$ 3,587.50	\$ 3,587.50	\$ 785.00	\$ 785.00	78%
N2114545C1--03-33	MANHOLE ADJUST	21	each	\$ 472.50	\$ 9,922.50	\$ 1,250.00	\$ 26,250.00	-165%
N2114545C1--03-34	PIPE CULVERT OPTIONAL MATERIAL ROUND 15S/CD	4	linear foot	\$ 136.56	\$ 546.25	\$ 150.00	\$ 600.00	-10%
N2114545C1--03-35	PIPE CULVERT OPTIONAL MATERIAL ROUND 18S/CD	1147	linear foot	\$ 143.13	\$ 164,164.38	\$ 62.00	\$ 71,114.00	57%
N2114545C1--03-36	PIPE CULVERT OPTIONAL MATERIAL ROUND 24S/CD	496	linear foot	\$ 156.25	\$ 77,500.00	\$ 80.00	\$ 39,680.00	49%
N2114545C1--03-37	PIPE CULVERT OPTIONAL MATERIAL ROUND 30S/CD	32	linear foot	\$ 208.75	\$ 6,680.00	\$ 250.00	\$ 8,000.00	-20%
N2114545C1--03-38	PIPE CULVERT OPTIONAL MATERIAL ROUND 36S/CD	580	linear foot	\$ 163.05	\$ 94,569.00	\$ 135.00	\$ 78,300.00	17%
N2114545C1--03-39	FRENCH DRAIN 24	1508	linear foot	\$ 187.70	\$ 283,051.60	\$ 140.00	\$ 211,120.00	25%
N2114545C1--03-40	FRENCH DRAIN 30	248	linear foot	\$ 195.63	\$ 48,515.00	\$ 166.00	\$ 41,168.00	15%
N2114545C1--03-41	FRENCH DRAIN 36	32	linear foot	\$ 270.00	\$ 8,640.00	\$ 250.00	\$ 8,000.00	7%
N2114545C1--03-42	PIPE HANDRAIL - GUIDERAIL ALUMINUM	1779	linear foot	\$ 69.01	\$ 122,773.24	\$ 35.00	\$ 62,265.00	49%
N2114545C1--03-43	CONCRETE CURB & GUTTER TYPE F	12514	linear foot	\$ 18.69	\$ 233,855.38	\$ 18.50	\$ 231,509.00	1%
N2114545C1--03-44	CONCRETE CURB TYPE D	1875	linear foot	\$ 22.25	\$ 41,718.75	\$ 13.50	\$ 25,312.50	39%
N2114545C1--03-45	TRAFFIC SEPARATOR CONCRETE- TYPE IV 4 WIDE	5137	linear foot	\$ 57.93	\$ 297,560.73	\$ 38.50	\$ 197,774.50	34%
N2114545C1--03-46	CONC SIDEWALK AND DRIVEWAYS 6 THICK	5754	square yard	\$ 49.30	\$ 283,672.20	\$ 42.00	\$ 241,668.00	15%
N2114545C1--03-47	DETECTABLE WARNINGS	502	square foot	\$ 40.04	\$ 20,098.83	\$ 22.00	\$ 11,044.00	45%
N2114545C1--03-48	RIPRAP RUBBLE F&I DITCH LINING	48	ton	\$ 146.16	\$ 7,015.80	\$ 200.00	\$ 9,600.00	-37%
Total				\$	4,802,217.44	\$	3,864,812.35	20%

**PRICE ANALYSIS**

Bid No. N2114545C1  
Construction of Wiles Road from Riverside Drive to Rock Island Road  
Agency: Highway Construction and Engineering Division  
Purchasing Agent: Carolyn Messersmith

Date Bid Posted: 7/14/2017  
Date Bid Opened: 8/30/2017  
Bid Submittals: 10  
Declinations: 0



Tabulation of Bids				HCED/Engineer's Cost Estimate		Russell Engineering		Percent Difference (Recommended Bidder versus Engineer's Estimate)
Item #	Item	Qty	Unit	Price	Total	Price	Total	
N2114545C1--04-01	PATTERNED PAVEMENT VEHICULAR AREAS- GREEN BIKE LANE	198	square yard	\$ 105.00	\$ 20,790.00	\$ 160.00	\$ 31,680.00	-52%
N2114545C1--04-02	SINGLE POST SIGN F&I GROUND MOUNT UP TO 12 SF	40	assembly	\$ 498.75	\$ 19,950.00	\$ 400.00	\$ 16,000.00	20%
N2114545C1--04-03	SINGLE POST SIGN F&I GROUND MOUNT 12-20 SF	15	assembly	\$ 616.88	\$ 9,253.13	\$ 675.00	\$ 10,125.00	-9%
N2114545C1--04-04	SINGLE POST SIGN F&I GROUND MOUNT 21-30 SF	6	assembly	\$ 682.50	\$ 4,095.00	\$ 1,550.00	\$ 9,300.00	-127%
N2114545C1--04-05	SINGLE POST SIGN RELOCATE	3	assembly	\$ 131.25	\$ 393.75	\$ 200.00	\$ 600.00	-52%
N2114545C1--04-06	SINGLE POST SIGN REMOVE	1	assembly	\$ 26.25	\$ 26.25	\$ 100.00	\$ 100.00	-281%
N2114545C1--04-07	MULTI- POST SIGN F&I GROUND MOUNT 21-30 SF	2	assembly	\$ 5,118.75	\$ 10,237.50	\$ 3,550.00	\$ 7,100.00	31%
N2114545C1--04-08	MULTI- POST SIGN F&I GROUND MOUNT 31-50 SF	2	assembly	\$ 6,316.99	\$ 12,633.98	\$ 3,750.00	\$ 7,500.00	41%
N2114545C1--04-09	OBJECT MARKER TYPE 1	11	each	\$ 210.00	\$ 2,310.00	\$ 155.00	\$ 1,705.00	26%
N2114545C1--04-10	RETRO-REFLECTIVE PAVEMENT MARKERS (WHITE/RED)	443	each	\$ 4.99	\$ 2,209.46	\$ 3.00	\$ 1,329.00	40%
N2114545C1--04-11	RETRO-REFLECTIVE PAVEMENT MARKERS (YELLOW / YELLOW)	263	each	\$ 4.99	\$ 1,311.71	\$ 3.00	\$ 789.00	40%
N2114545C1--04-12	PAINTED PAVEMENT MARKINGS FINAL SURFACE	1	lump sum	\$ 30,187.50	\$ 30,187.50	\$ 17,000.00	\$ 17,000.00	44%
N2114545C1--04-13	THERMOPLASTIC STANDARD WHITE SOLID 8	612	linear foot	\$ 1.84	\$ 1,124.55	\$ 1.00	\$ 612.00	46%
N2114545C1--04-14	THERMOPLASTIC STANDARD WHITE SOLID 12	3145	linear foot	\$ 2.36	\$ 7,430.06	\$ 2.00	\$ 6,290.00	15%
N2114545C1--04-15	THERMOPLASTIC STANDARD WHITE SOLID 18	149.3	linear foot	\$ 3.55	\$ 530.02	\$ 2.30	\$ 343.39	35%
N2114545C1--04-16	THERMOPLASTIC STANDARD WHITE SOLID 24	567.4	linear foot	\$ 4.73	\$ 2,680.97	\$ 3.00	\$ 1,702.20	37%
N2114545C1--04-17	THERMOPLASTIC STANDARD WHITEDROP LANE 12 (3/9)	0.46	gross mile	\$ 3,909.50	\$ 1,798.37	\$ 1,350.00	\$ 621.00	65%
N2114545C1--04-18	THERMOPLASTIC STANDARD WHITE 2-4 DOTTED/GUIDELINE/ 6-10 GAP EXTENS	0.27	gross mile	\$ 1,223.48	\$ 330.34	\$ 1,350.00	\$ 364.50	-10%
N2114545C1--04-19	THERMOPLASTIC STANDARD WHITE MESSAGE	27	each	\$ 157.50	\$ 4,252.50	\$ 100.00	\$ 2,700.00	37%
N2114545C1--04-20	THERMOPLASTIC STANDARD WHITE ARROW	92	each	\$ 85.31	\$ 7,848.75	\$ 45.00	\$ 4,140.00	47%
N2114545C1--04-21	THERMOPLASTIC STANDARD YELLOW SOLID 18	143.74	linear foot	\$ 3.55	\$ 510.28	\$ 2.30	\$ 330.60	35%
N2114545C1--04-22	THERMOPLASTIC STANDARD YELLOW DOTTED / GUIDELINE /6-10 GAP EXTENS	888	linear foot	\$ 1.58	\$ 1,398.60	\$ 1.00	\$ 888.00	37%
N2114545C1--04-23	THERMOPLASTIC STANDARD-OTHER SURFACES WHITE SOLID 6	3.37	net mile	\$ 5,890.50	\$ 19,850.99	\$ 3,950.00	\$ 13,311.50	33%
N2114545C1--04-24	THERMOPLASTIC OTHER SURFACES WHITE SKIP 610-30 SKIP OR 3-9 LANE DRO	3.54	gross mile	\$ 1,905.75	\$ 6,746.36	\$ 1,255.00	\$ 4,442.70	34%
N2114545C1--04-25	THERMOPLASTIC STANDARD-OTHER SURFACES YELLOW SOLID 6	1.93	net mile	\$ 5,890.50	\$ 11,368.67	\$ 3,920.00	\$ 7,565.60	33%
Total				\$	179,268.71	\$	146,539.49	18%

PRICE ANALYSIS

Bid No. N2114545C1  
Construction of Wiles Road from Riverside Drive to Rock Island Road  
Agency: Highway Construction and Engineering Division  
Purchasing Agent: Carolyn Messersmith

Date Bid Posted: 7/14/2017  
Date Bid Opened: 8/30/2017  
Bid Submittals: 10  
Declinations: 0



Tabulation of Bids				HCED/Engineer's Cost Estimate		Russell Engineering		Percent Difference (Recommended Bidder versus Engineer's Estimate)
Item #	Item	Qty	Unit	Price	Total	Price	Total	
N2114545C1--05-01	CONDUIT FURNISH & INSTALL OPEN TRENCH	4000	linear foot	\$ 11.16	\$ 44,650.00	\$ 6.00	\$ 24,000.00	46%
N2114545C1--05-02	CONDUIT FURNISH & INSTALL DIRECTIONAL BORE	1850	linear foot	\$ 26.25	\$ 48,562.50	\$ 20.00	\$ 37,000.00	24%
N2114545C1--05-03	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION FURNISH & INSTALL	2	per intersection	\$ 9,187.50	\$ 18,375.00	\$ 5,513.00	\$ 11,026.00	40%
N2114545C1--05-04	SIGNAL CABLE REMOVE - INTERSECTION	2	per intersection	\$ 812.08	\$ 1,624.15	\$ 555.00	\$ 1,110.00	32%
N2114545C1--05-05	PULL & SPLICE BOX F&I 13 x 24 COVER SIZE TIER 22 ONLY	44	each	\$ 853.13	\$ 37,537.50	\$ 585.00	\$ 25,740.00	31%
N2114545C1--05-06	PULL & SPLICE BOX F&I 24 x 36 COVER SIZE TIER 22 ONLY	15	each	\$ 1,903.13	\$ 28,546.88	\$ 1,400.00	\$ 21,000.00	26%
N2114545C1--05-07	ELECTRICAL POWER SERVICE F&I UNDERGROUND METER PURCHASED BY CONTRAC	2	assembly	\$ 5,153.25	\$ 10,306.50	\$ 2,150.00	\$ 4,300.00	58%
N2114545C1--05-08	ELECTRICAL SERVICE WIRE	100	linear foot	\$ 4,419.08	\$ 8,838.15	\$ 5.00	\$ 500.00	94%
N2114545C1--05-09	ELECTRICAL SERVICE DISCONNECT F&I POLE MOUNT	2	each	\$ 6.56	\$ 656.25	\$ 1,450.00	\$ 2,900.00	-342%
N2114545C1--05-10	PRESTRESSED CONCRETE POLE F&I TYPE P-II SERVICE POLE	2	each	\$ 1,059.99	\$ 2,119.98	\$ 1,276.00	\$ 2,552.00	-20%
N2114545C1--05-11	PRESTRESSED CONCRETE POLE SHALLOW POLE REMOVAL - POLE 30 AND GREATER	6	each	\$ 1,526.35	\$ 3,052.70	\$ 2,420.00	\$ 14,520.00	-376%
N2114545C1--05-12	ALUMINUM SIGNALS POLE PEDESTAL	12	each	\$ 347.55	\$ 2,085.30	\$ 1,000.00	\$ 12,000.00	-475%
N2114545C1--05-13	ALUMINUM SIGNALS POLE REMOVE	3	each	\$ 1,207.50	\$ 14,490.00	\$ 265.00	\$ 795.00	95%
N2114545C1--05-14	MAST ARM&I WIND SPEED-150SINGLE ARMW/0 LUMINAIRE-60	2	each	\$ 198.04	\$ 594.11	\$ 40,000.00	\$ 80,000.00	-13365%
N2114545C1--05-15	MAST ARM&I WIND SPEED-150SINGLE ARMW/0 LUMINAIRE-70.5	4	each	\$ 47,906.25	\$ 95,812.50	\$ 45,000.00	\$ 180,000.00	-88%
N2114545C1--05-16	MAST ARM&I WIND SPEED-150DOUBLE ARMW/0 LUMINAIRE-60-60	1	each	\$ 53,812.50	\$ 215,250.00	\$ 54,201.00	\$ 54,201.00	75%
N2114545C1--05-17	MAST ARM REMOVE SHALLOW FOUNDATION BOLT ON ATTACHMENT	4	each	\$ 67,593.75	\$ 67,593.75	\$ 2,600.00	\$ 10,400.00	85%
N2114545C1--05-18	TRAFFIC SIGNAL F&I 3 SECTION 1 WAY ALUMINUM	23	assembly	\$ 5,819.96	\$ 23,279.85	\$ 900.00	\$ 20,700.00	11%
N2114545C1--05-19	TRAFFIC SIGNAL F&I 5 SECTION 1 WAY ALUMINUM	4	assembly	\$ 1,181.25	\$ 27,168.75	\$ 1,100.00	\$ 4,400.00	84%
N2114545C1--05-20	TRAFFIC SIGNAL REMOVE - POLES TO REMAIN	2	assembly	\$ 1,771.88	\$ 7,087.50	\$ 200.00	\$ 400.00	94%
N2114545C1--05-21	PEDESTRIAN SIGNAL F&I LED COUNTDOWN 1 WAY	12	each	\$ 115.88	\$ 231.75	\$ 950.00	\$ 11,400.00	-4819%
N2114545C1--05-22	PEDESTRIAN SIGNAL F&I LED COUNTDOWN 2 WAYS	2	each	\$ 984.38	\$ 11,812.50	\$ 1,050.00	\$ 2,100.00	82%
N2114545C1--05-23	VEHICLE DETECTION SYSTEM- VIDEO FURNISH & INSTALL CABINET EQUIPMENT	14	each	\$ 1,968.75	\$ 3,937.50	\$ 1,250.00	\$ 17,500.00	-344%
N2114545C1--05-24	VEHICLE DETECTION SYSTEM- VIDEO FURNISH & INSTALL ABOVE GROUND EQUIPMEN	14	each	\$ 5,250.00	\$ 73,500.00	\$ 2,650.00	\$ 37,100.00	50%
N2114545C1--05-25	PEDESTRIAN DETECTOR FURNISH & INSTALL STANDARD	16	each	\$ 3,478.13	\$ 48,693.75	\$ 400.00	\$ 6,400.00	87%
N2114545C1--05-26	TRAFFIC CONTROLLER ASSEMBLY (CABINET) FURNISH & INSTALL MODEL 2070	2	assembly	\$ 283.74	\$ 4,539.80	\$ 30,055.00	\$ 60,110.00	-1224%
N2114545C1--05-27	TRAFFIC CONTROLLER ASSEMBLY REMOVE CONTROLLER WITH CABINET	3	assembly	\$ 36,622.85	\$ 73,245.70	\$ 510.00	\$ 1,530.00	98%
N2114545C1--05-28	MANAGED FIELD ETHERNET SWITCH FURNISH & INSTALL	2	each	\$ 627.01	\$ 1,881.04	\$ 3,500.00	\$ 7,000.00	-272%
N2114545C1--05-29	SIGNAL INTERCONNECT CABLE REMOVE	4650	linear foot	\$ 2,493.75	\$ 4,987.50	\$ 0.25	\$ 1,162.50	77%
N2114545C1--05-30	INTERNALLY ILLUMINATED SIGN FURNISH & INSTALL 12-18 SF	8	each	\$ 0.53	\$ 2,441.25	\$ 2,600.00	\$ 20,800.00	-752%
N2114545C1--05-31	LIGHT POLE FOUNDATION REMOVE	1	each	\$ 3,150.00	\$ 25,200.00	\$ 650.00	\$ 650.00	97%
N2114545C1--05-32	PULL & SPLICE BOX F&I 30 x 60 RECTANGULAR OR 36 ROUND COVERS	2	each	\$ 661.25	\$ 661.25	\$ 2,000.00	\$ 4,000.00	-505%
Total				\$	908,763.40	\$	677,296.50	25%

**PRICE ANALYSIS**

**Bid No. N2114545C1**  
**Construction of Wiles Road from Riverside Drive to Rock Island Road**  
 Agency: Highway Construction and Engineering Division  
 Purchasing Agent: Carolyn Messersmith

Date Bid Posted: 7/14/2017  
 Date Bid Opened: 8/30/2017  
 Bid Submittals: 10  
 Declinations: 0



Tabulation of Bids				HCED/Engineer's Cost Estimate		Russell Engineering		Percent Difference (Recommended Bidder versus Engineer's Estimate)
Item #	Item	Qty	Unit	Price	Total	Price	Total	
N2114545C1--06-01	CONDUIT INSTALL OPEN TRENCH	3669	linear foot	\$ 7.55	\$ 27,689.48	\$ 6.00	\$ 22,014.00	20%
N2114545C1--06-02	CONDUIT INSTALL DIRECTIONAL BORE	1980	linear foot	\$ 18.11	\$ 35,862.75	\$ 21.00	\$ 41,580.00	-16%
N2114545C1--06-03	PULL & SPLICE BOX INSTALL 13 x 24 COVER SIZE	46	each	\$ 513.19	\$ 23,606.63	\$ 650.00	\$ 29,900.00	-27%
N2114545C1--06-04	PULL & SPLICE BOX INSTALL 30 x 60 COVER SIZE	6	each	\$ 1,086.75	\$ 6,520.50	\$ 2,850.00	\$ 17,100.00	-162%
Total				\$	93,679.36	\$	110,594.00	-18%

PRICE ANALYSIS

Bid No. N2114545C1  
Construction of Wiles Road from Riverside Drive to Rock Island Road  
Agency: Highway Construction and Engineering Division  
Purchasing Agent: Carolyn Messersmith

Date Bid Posted: 7/14/2017  
Date Bid Opened: 8/30/2017  
Bid Submittals: 10  
Declinations: 0



Tabulation of Bids				HCED/Engineer's Cost Estimate		Russell Engineering		Percent Difference (Recommended Bidder versus Engineer's Estimate)
Item #	Item	Qty	Unit	Price	Total	Price	Total	
N2114545C1--07-01	ARBORIST WORK TREE TRIMMING- LIMBS/ROOTS	1	lump sum	\$ 10,493.75	\$ 10,493.75	\$ 6,500.00	\$ 6,500.00	38%
N2114545C1--07-02	LANDSCAPE- RELOCATE TREE PALMS <14 OF CLEAR TRUNK (Wiles Road Corridor + W	7	each	\$ 431.25	\$ 3,018.75	\$ 225.00	\$ 1,575.00	48%
N2114545C1--07-03	LANDSCAPE- RELOCATE TREE PALMS >14 OF CLEAR TRUNK	27	each	\$ 862.50	\$ 23,287.50	\$ 230.00	\$ 6,210.00	73%
N2114545C1--07-04	LANDSCAPE- RELOCATE TREE TREES <5 CALIPER (Wiles Road Corridor + Whispering W	4	each	\$ 862.50	\$ 3,450.00	\$ 180.00	\$ 720.00	79%
N2114545C1--07-05	LANDSCAPE- RELOCATE TREE TREES >5 CALIPER (Wiles Road Corridor + Whispering W	51	each	\$ 2,156.25	\$ 109,968.75	\$ 695.00	\$ 35,445.00	68%
N2114545C1--07-06	SILVER BUTTON WOOD (Wiles Road Corridor)	19	each	\$ 539.06	\$ 10,242.19	\$ 1,060.00	\$ 20,140.00	-97%
N2114545C1--07-07	EAST PALATKA HOLLY (Wiles Road Corridor)	12	each	\$ 862.50	\$ 10,350.00	\$ 405.00	\$ 4,860.00	53%
N2114545C1--07-08	SLASH PINE (Wiles Road Corridor + Whispering Woods Park)	35	each	\$ 862.50	\$ 30,187.50	\$ 435.00	\$ 15,225.00	50%
N2114545C1--07-09	SOUTHERN LIVE OAK (Wiles Road Corridor + Whispering Woods Park)	17	each	\$ 1,437.50	\$ 24,437.50	\$ 735.00	\$ 12,495.00	49%
N2114545C1--07-10	MITIGATION TREES/CATEGORY 1 (16 OVERALL HT. 4 DBH) SPECIES TBD & COORDINA	31	each	\$ 1,437.50	\$ 44,562.50	\$ 735.00	\$ 22,785.00	49%
N2114545C1--07-11	SOLITAIRE PALM (Wiles Road Corridor)	11	each	\$ 862.50	\$ 9,487.50	\$ 405.00	\$ 4,455.00	53%
N2114545C1--07-12	CABBAGE PALMETTO (Wiles Road Corridor)	5	each	\$ 431.25	\$ 2,156.25	\$ 260.00	\$ 1,300.00	40%
N2114545C1--07-13	RED TIP COCOPLUM (Wiles Road Corridor)	234	each	\$ 14.38	\$ 3,363.75	\$ 18.25	\$ 4,270.50	-27%
N2114545C1--07-14	BLUEBERRY FLAX LILY (Wiles Road Corridor)	880	each	\$ 8.63	\$ 7,590.00	\$ 18.50	\$ 16,280.00	-114%
N2114545C1--07-15	BOSTON FERN (Wiles Road Corridor)	195	each	\$ 14.38	\$ 2,803.13	\$ 20.00	\$ 3,900.00	-39%
N2114545C1--07-16	SCARLET SALVIA (Wiles Road Corridor)	1744	each	\$ 8.63	\$ 15,042.00	\$ 14.00	\$ 24,416.00	-62%
N2114545C1--07-17	COONTIE PALM (Wiles Road Corridor)	272	each	\$ 14.38	\$ 3,910.00	\$ 28.00	\$ 7,616.00	-95%
N2114545C1--07-18	BAHIA GRASS (Wiles Road Corridor + Whispering Woods Park)	35309	square foot	\$ 0.47	\$ 16,749.71	\$ 1.00	\$ 35,309.00	-111%
N2114545C1--07-19	ST. AUGUSTINE SOD (Wiles Road Corridor)	26000	square foot	\$ 0.79	\$ 20,556.25	\$ 1.25	\$ 32,500.00	-58%
N2114545C1--07-20	ROOT BARRIER (Wiles Road Corridor)	1515	linear foot	\$ 23.00	\$ 34,845.00	\$ 15.00	\$ 22,725.00	35%
Total				\$	386,502.02	\$	278,726.50	28%



**PRICE ANALYSIS**

**Bid No. N2114545C1**  
**Construction of Wiles Road from Riverside Drive to Rock Island Road**  
 Agency: Highway Construction and Engineering Division  
 Purchasing Agent: Carolyn Messersmith

Date Bid Posted: 7/14/2017  
 Date Bid Opened: 8/30/2017  
 Bid Submittals: 10  
 Declinations: 0



Tabulation of Bids				HCED/Engineer's Cost Estimate		Russell Engineering		Percent Difference (Recommended Bidder versus Engineer's Estimate)
Item #	Item	Qty	Unit	Price	Total	Price	Total	
N2114545C1--08-01	RAIN BIRD (OR EQUAL) RD-12-S-P30-F 15 STRIP SERIES 12 POP-UP	71	each	\$ 56.25	\$ 3,993.75	\$ 25.00	\$ 1,775.00	56%
N2114545C1--08-02	RAIN BIRD (OR EQUAL) RD-12-S-P30-F HE-VAN-10 12 POP-UP	25	each	\$ 40.00	\$ 1,000.00	\$ 25.00	\$ 625.00	38%
N2114545C1--08-03	RAIN BIRD (OR EQUAL) RD-12-S-P30-F HE-VAN-12 12 POP-UP	157	each	\$ 40.00	\$ 6,280.00	\$ 25.00	\$ 3,925.00	38%
N2114545C1--08-04	RAIN BIRD (OR EQUAL) RD-12-S-P30-F HE-VAN-15 12 POP-UP	22	each	\$ 40.00	\$ 880.00	\$ 25.00	\$ 550.00	38%
N2114545C1--08-05	RAIN BIRD (OR EQUAL) 1800-1400 FLOOD BUBBLER FIXED FLOW	54	each	\$ 35.00	\$ 1,890.00	\$ 10.00	\$ 540.00	71%
N2114545C1--08-06	RAIN BIRD (OR EQUAL) PESB-PRS-D PESB REMOTE CONTROL SCRUE	11	each	\$ 250.00	\$ 2,750.00	\$ 450.00	\$ 4,950.00	-80%
N2114545C1--08-07	IRRIGATION LATERAL LINE: PVC SCHEDULE 40	5200	linear foot	\$ 0.63	\$ 3,250.00	\$ 3.50	\$ 18,200.00	-460%
N2114545C1--08-08	IRRIGATION MAINLINE: PVC SCHEDULE 40	5010	linear foot	\$ 9.38	\$ 46,968.75	\$ 7.25	\$ 36,322.50	23%
N2114545C1--08-09	PIPE SLEEVE: PVC SCHEDULE 40	4191	linear foot	\$ 17.10	\$ 71,666.10	\$ 12.50	\$ 52,387.50	27%
N2114545C1--08-10	EXISTING IRRIGATION SYSTEM REPAIRS	1	lump sum	\$ 6,250.00	\$ 6,250.00	\$ 6,500.00	\$ 6,500.00	-4%
N2114545C1--08-11	EXISTING IRRIGATION PUMP SYSTEM REPAIR AS NECESSARY	1	lump sum	\$ 31,250.00	\$ 31,250.00	\$ 5,000.00	\$ 5,000.00	84%
Total				\$	176,178.60	\$	130,775.00	26%

**PRICE ANALYSIS**

**Bid No. N2114545C1**  
**Construction of Wiles Road from Riverside Drive to Rock Island Road**  
 Agency: Highway Construction and Engineering Division  
 Purchasing Agent: Carolyn Messersmith

Date Bid Posted: 7/14/2017  
 Date Bid Opened: 8/30/2017  
 Bid Submittals: 10  
 Declinations: 0



Tabulation of Bids				HCED/Engineer's Cost Estimate		Russell Engineering		Percent Difference (Recommended Bidder versus Engineer's Estimate)
Item #	Item	Qty	Unit	Price	Total	Price	Total	
N2114545C1--09-01	MOBILIZATION	1	lump sum	\$ 141,250.00	\$ 141,250.00	\$ 113,055.00	\$ 113,055.00	20%
N2114545C1--09-02	MAINTENANCE OF TRAFFIC	1	lump sum	\$ 141,250.00	\$ 141,250.00	\$ 13,055.00	\$ 13,055.00	91%
N2114545C1--09-03	AS-BUILT RECORD DRAWINGS	1	lump sum	\$ 6,250.00	\$ 6,250.00	\$ 13,055.00	\$ 13,055.00	-109%
N2114545C1--09-04	2 HDPE (WATER SERVICE)	29	each	\$ 937.50	\$ 27,187.50	\$ 2,250.00	\$ 65,250.00	-140%
N2114545C1--09-05	12X16 REDUCER	1	each	\$ 1,875.00	\$ 1,875.00	\$ 735.00	\$ 735.00	61%
N2114545C1--09-06	6 DUCTILE IRON PIPE (WATER MAIN)	375	linear foot	\$ 75.00	\$ 28,125.00	\$ 48.00	\$ 18,000.00	36%
N2114545C1--09-07	8 DUCTILE IRON PIPE (WATER MAIN)	170	linear foot	\$ 93.75	\$ 15,937.50	\$ 64.00	\$ 10,880.00	32%
N2114545C1--09-08	10 DUCTILE IRON PIPE (WATER MAIN)	29	linear foot	\$ 118.75	\$ 3,443.75	\$ 79.00	\$ 2,291.00	33%
N2114545C1--09-09	12 DUCTILE IRON PIPE (WATER MAIN)	4300	linear foot	\$ 156.25	\$ 671,875.00	\$ 72.00	\$ 309,600.00	54%
N2114545C1--09-10	16 DUCTILE IRON PIPE (WATER MAIN)	325	linear foot	\$ 187.50	\$ 60,937.50	\$ 111.00	\$ 36,075.00	41%
N2114545C1--09-11	CUT AND CAP 6 PIPE	1	each	\$ 1,250.00	\$ 1,250.00	\$ 770.00	\$ 770.00	38%
N2114545C1--09-12	CUT AND CAP 8 PIPE	4	each	\$ 1,500.00	\$ 6,000.00	\$ 945.00	\$ 3,780.00	37%
N2114545C1--09-13	CUT AND CAP 12 PIPE	2	each	\$ 2,500.00	\$ 5,000.00	\$ 1,255.00	\$ 2,510.00	50%
N2114545C1--09-14	CUT AND CAP 16 PIPE	2	each	\$ 3,125.00	\$ 6,250.00	\$ 1,855.00	\$ 3,710.00	41%
N2114545C1--09-15	REMOVAL AND RESTORATION OF 6 PIPE	56	linear foot	\$ 33.75	\$ 1,890.00	\$ 20.00	\$ 1,120.00	41%
N2114545C1--09-16	REMOVAL AND RESTORATION OF 8 PIPE	185	linear foot	\$ 37.50	\$ 6,937.50	\$ 20.00	\$ 3,700.00	47%
N2114545C1--09-17	REMOVAL AND RESTORATION OF 10 PIPE	40	linear foot	\$ 41.25	\$ 1,650.00	\$ 20.00	\$ 800.00	52%
N2114545C1--09-18	REMOVAL AND RESTORATION OF 12 PIPE	4225	linear foot	\$ 43.75	\$ 184,843.75	\$ 15.00	\$ 63,375.00	66%
N2114545C1--09-19	REMOVAL AND RESTORATION OF 16 PIPE	275	linear foot	\$ 47.50	\$ 13,062.50	\$ 20.00	\$ 5,500.00	58%
N2114545C1--09-20	6 DUCTILE IRON PIPE FITTINGS (WATER MAIN)	25	each	\$ 437.50	\$ 10,937.50	\$ 350.00	\$ 8,750.00	20%
N2114545C1--09-21	8 DUCTILE IRON PIPE FITTINGS (WATER MAIN)	18	each	\$ 500.00	\$ 9,000.00	\$ 450.00	\$ 8,100.00	10%
N2114545C1--09-22	10 DUCTILE IRON PIPE FITTINGS (WATER MAIN)	5	each	\$ 562.50	\$ 2,812.50	\$ 500.00	\$ 2,500.00	11%
N2114545C1--09-23	12 DUCTILE IRON PIPE FITTINGS (WATER MAIN)	44	each	\$ 625.00	\$ 27,500.00	\$ 650.00	\$ 28,600.00	-4%
N2114545C1--09-24	16 DUCTILE IRON PIPE FITTINGS (WATER MAIN)	11	each	\$ 687.50	\$ 7,562.50	\$ 1,350.00	\$ 14,850.00	-96%
N2114545C1--09-25	FIRE HYDRANT REMOVE & REPLACE	7	each	\$ 5,625.00	\$ 39,375.00	\$ 5,513.00	\$ 38,591.00	2%
N2114545C1--09-26	CONCRETE BOLLARDS	4	each	\$ 1,875.00	\$ 7,500.00	\$ 550.00	\$ 2,200.00	71%
N2114545C1--09-27	SAMPLE POINT	24	each	\$ 625.00	\$ 15,000.00	\$ 400.00	\$ 9,600.00	36%
N2114545C1--09-28	6X6 TAPPING SLEEVE & VALVE (WATER MAIN)	1	each	\$ 4,375.00	\$ 4,375.00	\$ 4,255.00	\$ 4,255.00	3%
N2114545C1--09-29	12x12 TAPPING SLEEVE & VALVE (WATER MAIN)	2	each	\$ 6,250.00	\$ 12,500.00	\$ 7,655.00	\$ 15,310.00	-22%
N2114545C1--09-30	6 GATE VALVE	10	each	\$ 1,562.50	\$ 15,625.00	\$ 930.00	\$ 9,300.00	40%
N2114545C1--09-31	8 GATE VALVE	4	each	\$ 1,875.00	\$ 7,500.00	\$ 1,400.00	\$ 5,600.00	25%
N2114545C1--09-32	10 GATE VALVE	1	each	\$ 2,125.00	\$ 2,125.00	\$ 2,020.00	\$ 2,020.00	5%
N2114545C1--09-33	12 GATE VALVE	16	each	\$ 2,500.00	\$ 40,000.00	\$ 2,500.00	\$ 40,000.00	0%
N2114545C1--09-34	16 GATE VALVE	4	each	\$ 2,750.00	\$ 11,000.00	\$ 6,200.00	\$ 24,800.00	-125%
N2114545C1--09-35	2 BLOW OFF VALVE	1	each	\$ 3,125.00	\$ 3,125.00	\$ 1,300.00	\$ 1,300.00	58%
N2114545C1--09-36	6 LINE STOP	1	each	\$ 5,000.00	\$ 5,000.00	\$ 4,100.00	\$ 4,100.00	18%
N2114545C1--09-37	8 LINE STOP	2	each	\$ 7,500.00	\$ 15,000.00	\$ 4,900.00	\$ 9,800.00	35%
N2114545C1--09-38	12 LINE STOP	2	each	\$ 12,500.00	\$ 25,000.00	\$ 6,580.00	\$ 13,160.00	47%
N2114545C1--09-39	16 LINE STOP	2	each	\$ 15,000.00	\$ 30,000.00	\$ 8,700.00	\$ 17,400.00	42%
Total				\$	1,615,952.50	\$	927,497.00	43%