



Price Analysis  
Bid No. PNC2116172C1  
McIntosh Security Checkpoint 4 Modification at Port Everglades

Item #	Item	Qty	Unit	Kiewit Infrastructure South Co.		Waypoint Contracting Inc.		B&A Estimate* dated 12/17/2015		% Difference from Estimate
				Unit Price	Total	Unit Price	Total	Unit Price	Total Price	
PNC2116172C1-01-01	Mobilization	1	lump sum	\$ 20,000.00	\$ 20,000.00	\$ 49,694.50	\$ 49,694.50	\$ 46,679.00	\$ 46,679.00	-133%
PNC2116172C1-02-01	Bond and Insurance Premiums	1	lump sum	\$ 40,000.00	\$ 40,000.00	\$ 49,694.50	\$ 49,694.50	\$ 18,671.60	\$ 18,671.60	53%
PNC2116172C1-03-01	Maintenance of Traffic	1	lump sum	\$ 70,000.00	\$ 70,000.00	\$ 35,693.91	\$ 35,693.91	\$ 31,017.00	\$ 31,017.00	56%
PNC2116172C1-03-02	Remove & Dispose of Existing Fence & Gates	310	linear foot	\$ 9.00	\$ 2,790.00	\$ 34.39	\$ 10,660.90	\$ 10.00	\$ 3,100.00	-11%
PNC2116172C1-03-03	Remove & Dispose of Existing Asphalt	375	square yard	\$ 21.00	\$ 7,875.00	\$ 5.26	\$ 1,972.50	\$ 10.00	\$ 3,750.00	52%
PNC2116172C1-03-04	Remove & Dispose Existing Misc. Concrete (Median)	190	square yard	\$ 100.00	\$ 19,000.00	\$ 22.82	\$ 4,335.80	\$ 10.00	\$ 1,900.00	90%
PNC2116172C1-03-05	Remove & Dispose of Existing Concrete Pavement	1235	square yard	\$ 60.00	\$ 74,100.00	\$ 6.29	\$ 7,768.15	\$ 15.00	\$ 18,525.00	75%
PNC2116172C1-03-06	Remove & Dispose of Existing Concrete Curb	1150	linear foot	\$ 12.00	\$ 13,800.00	\$ 2.00	\$ 2,300.00	\$ 10.00	\$ 11,500.00	17%
PNC2116172C1-03-07	Remove & Dispose of Existing Drainage Pipe (18 inches)	84	linear foot	\$ 386.00	\$ 32,424.00	\$ 52.09	\$ 4,375.56	\$ 25.00	\$ 2,100.00	94%
PNC2116172C1-03-08	Remove & Dispose of Existing Drainage Structures	3	each	\$ 2,800.00	\$ 8,400.00	\$ 1,268.99	\$ 3,806.97	\$ 750.00	\$ 2,250.00	73%
PNC2116172C1-03-09	Fence	260	linear foot	\$ 123.00	\$ 31,980.00	\$ 63.46	\$ 16,499.60	\$ 20.00	\$ 5,200.00	84%
PNC2116172C1-03-10	Remove & Dispose of Existing Impact Attenuator Assembly	2	each	\$ 5,700.00	\$ 11,400.00	\$ 2,440.60	\$ 4,881.20	\$ 500.00	\$ 1,000.00	91%
PNC2116172C1-03-11	Remove Existing Pavement Markings & Signage	1	lump sum	\$ 5,000.00	\$ 5,000.00	\$ 4,900.00	\$ 4,900.00	\$ 2,500.00	\$ 2,500.00	50%
PNC2116172C1-03-12	Remove / Replace / Relocate Existing Signs	3	each	\$ 1,500.00	\$ 4,500.00	\$ 1,005.67	\$ 3,017.01	N/A	N/A	Note 6
PNC2116172C1-03-13	Prepare Implement & Maintain Stormwater Pollution Prevention Plan (SWPPP)	1	lump sum	\$ 40,000.00	\$ 40,000.00	\$ 8,267.00	\$ 8,267.00	\$ 28,007.40	\$ 28,007.40	Note 4
PNC2116172C1-03-14	Furnish & Place 12 inches Stabilized Compacted Subgrade LBR 40	1900	square yard	\$ 12.00	\$ 22,800.00	\$ 26.31	\$ 49,989.00	\$ 5.00	\$ 9,500.00	58%
PNC2116172C1-03-15	Furnish & Place 12 inches Compacted Limerock Base LBR 100	1900	square yard	\$ 35.00	\$ 66,500.00	\$ 32.01	\$ 60,819.00	\$ 20.00	\$ 38,000.00	43%
PNC2116172C1-03-16	Furnish & Place 4 inches Asphalt in Two Lifts (For concrete pavement)	1900	square yard	\$ 39.00	\$ 74,100.00	\$ 43.63	\$ 82,897.00	\$ 20.00	\$ 38,000.00	Note 5
PNC2116172C1-03-17	Furnish & Place 4 inches Compacted Limerock Base LBR 100	1195	square yard	\$ 19.00	\$ 22,705.00	\$ 9.44	\$ 11,280.80	\$ 7.50	\$ 8,962.50	61%
PNC2116172C1-03-18	Furnish & Place 12 inches Stabilized Subgrade LBR 40	1195	square yard	\$ 12.00	\$ 14,340.00	\$ 6.53	\$ 7,803.35	\$ 5.00	\$ 5,975.00	58%
PNC2116172C1-03-19	Furnish & Place 6 inches Concrete Pavement (4000 psi)	1195	square yard	\$ 100.00	\$ 119,500.00	\$ 99.35	\$ 118,723.25	\$ 100.00	\$ 119,500.00	0%
PNC2116172C1-03-20	Mill and Resurface portion of McIntosh Road	1700	square yard	\$ 21.00	\$ 35,700.00	\$ 17.16	\$ 29,172.00	\$ 20.00	\$ 34,000.00	5%
PNC2116172C1-03-21	Furnish & Place Pavement Restoration	300	square yard	\$ 18.25	\$ 5,475.00	\$ 127.65	\$ 38,295.00	\$ 50.00	\$ 15,000.00	-174%
PNC2116172C1-03-22	Furnish & Install 6 inches Solid Yellow Thermoplastic Striping	875	linear foot	\$ 0.90	\$ 787.50	\$ 2.31	\$ 2,021.25	N/A	\$ 10,000.00	Note 3
PNC2116172C1-03-23	Striping	750	linear foot	\$ 1.80	\$ 1,350.00	\$ 2.28	\$ 1,710.00	N/A	N/A	Note 3
PNC2116172C1-03-24	Furnish & Install 8 inches Solid White Thermoplastic Striping	1000	linear foot	\$ 1.00	\$ 1,000.00	\$ 3.33	\$ 3,330.00	N/A	N/A	Note 3
PNC2116172C1-03-25	Furnish & Install 12 inches Solid White Thermoplastic Striping	100	linear foot	\$ 1.80	\$ 180.00	\$ 3.92	\$ 392.00	N/A	N/A	Note 3
PNC2116172C1-03-26	Furnish & Install 18 inches Solid White Thermoplastic Striping	825	linear foot	\$ 2.80	\$ 2,310.00	\$ 5.52	\$ 4,554.00	N/A	N/A	Note 3
PNC2116172C1-03-27	Furnish & Install 24 inches Solid White Thermoplastic Striping	50	linear foot	\$ 4.00	\$ 200.00	\$ 43.68	\$ 2,184.00	N/A	N/A	Note 3
PNC2116172C1-03-28	Furnish & Install 6 inches 10-30 Skip White Thermoplastic Striping	1600	linear foot	\$ 0.90	\$ 1,440.00	\$ 0.52	\$ 832.00	N/A	N/A	Note 3
PNC2116172C1-03-29	Furnish & Install Reflective Pavement Markers	200	each	\$ 4.85	\$ 970.00	\$ 4.19	\$ 838.00	N/A	N/A	Note 3
PNC2116172C1-03-30	Relocate & Reconnect Existing Water Service / Meter	1	each	\$ 3,500.00	\$ 3,500.00	\$ 2,902.72	\$ 2,902.72	\$ 1,000.00	\$ 1,000.00	71%
PNC2116172C1-03-31	Relocate & Reconnect Existing Backflow Preventer	1	each	\$ 1,800.00	\$ 1,800.00	\$ 3,838.99	\$ 3,838.99	\$ 1,500.00	\$ 1,500.00	17%
PNC2116172C1-03-32	Furnish & Install Concrete Barrier Wall (FDOT Index #410) with Chain Link Fence	195	linear foot	\$ 215.00	\$ 41,925.00	\$ 800.09	\$ 156,017.55	\$ 100.00	\$ 19,500.00	53%
PNC2116172C1-03-33	Furnish & Install Impact Attenuator (FDOT Index #S544)	2	each	\$ 15,000.00	\$ 30,000.00	\$ 31,103.12	\$ 62,206.24	\$ 20,000.00	\$ 40,000.00	-33%
PNC2116172C1-03-34	Repair Existing Impact Attenuator	2	each	\$ 5,000.00	\$ 10,000.00	\$ 31,103.12	\$ 62,206.24	\$ 1,000.00	\$ 2,000.00	80%
PNC2116172C1-03-35	Furnish & Install 10 Feet Chain Link Fence	310	linear foot	\$ 80.00	\$ 24,800.00	\$ 56.17	\$ 17,412.70	\$ 25.00	\$ 7,750.00	69%
PNC2116172C1-03-36	Furnish & Install 6 inches Thick Concrete Median	265	square yard	\$ 90.00	\$ 23,850.00	\$ 68.25	\$ 18,086.25	\$ 50.00	\$ 13,250.00	44%
PNC2116172C1-03-37	Furnish & Install Type F Curb & Gutter	1110	linear foot	\$ 20.00	\$ 22,200.00	\$ 26.04	\$ 28,904.40	\$ 20.00	\$ 22,200.00	0%
PNC2116172C1-03-38	Furnish & Install 18 inches RCP Class V Pipe	68	linear foot	\$ 140.00	\$ 9,520.00	\$ 149.51	\$ 10,166.68	\$ 150.00	\$ 10,200.00	-7%
PNC2116172C1-03-39	Furnish & Install 4 Feet x 5.5 Feet Exfiltration Trench w/ 18 Inches Slotted RCP	70	linear foot	\$ 275.00	\$ 19,250.00	\$ 301.56	\$ 21,109.20	\$ 180.00	\$ 12,600.00	35%
PNC2116172C1-03-40	Furnish & Install P-5 Inlet	1	each	\$ 9,000.00	\$ 9,000.00	\$ 15,629.02	\$ 15,629.02	\$ 7,000.00	\$ 7,000.00	22%
PNC2116172C1-03-41	Furnish and Install P-6 Inlet	2	each	\$ 5,000.00	\$ 10,000.00	\$ 7,963.83	\$ 15,927.66	\$ 7,000.00	\$ 14,000.00	-40%
PNC2116172C1-03-42	Furnish & Install C-4 Catch Basin	1	each	\$ 9,000.00	\$ 9,000.00	\$ 6,714.80	\$ 6,714.80	\$ 5,000.00	\$ 5,000.00	44%
PNC2116172C1-03-43	Furnish & Install M-5 Storm Manhole	1	each	\$ 9,000.00	\$ 9,000.00	\$ 8,946.48	\$ 8,946.48	\$ 6,000.00	\$ 6,000.00	33%
PNC2116172C1-03-44	Core Drill & Connect to Existing Drainage Structure	1	each	\$ 8,000.00	\$ 8,000.00	\$ 1,063.79	\$ 1,063.79	\$ 1,200.00	\$ 1,200.00	85%



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				Unit Price	Total	Unit Price	Total	Unit Price	Total	
PNC2116172C1-03-45	Convert Existing Curb Inlet Standard Inlet	1	each	\$ 10,000.00	\$ 10,000.00	\$ 2,968.92	\$ 2,968.92	\$ 2,000.00	\$ 2,000.00	80%
PNC2116172C1-03-46	Cur & Reconnect Existing Drainage Pipe	1	each	\$ 3,000.00	\$ 3,000.00	\$ 1,843.15	\$ 1,843.15	N/A	N/A	N/A
PNC2116172C1-04-01	Remove and Dispose of Existing Security Booth	1	each	\$ 6,000.00	\$ 6,000.00	\$ 1,457.38	\$ 1,457.38	\$ 5,000.00	\$ 5,000.00	17%
PNC2116172C1-04-02	Remove and Dispose of Existing Arm gate	1	each	\$ 500.00	\$ 500.00	\$ 882.00	\$ 882.00	N/A	N/A	N/A
PNC2116172C1-04-03	Remove and Dispose of Existing Bollards	2	each	\$ 350.00	\$ 700.00	\$ 308.49	\$ 616.98	N/A	N/A	N/A
PNC2116172C1-04-04	Furnish and Install new pre-fabricated security booth	1	each	\$ 65,000.00	\$ 65,000.00	\$ 61,840.94	\$ 61,840.94	\$ 40,000.00	\$ 40,000.00	38%
PNC2116172C1-04-05	Furnish and Install new Arm Gate	1	each	\$ 7,000.00	\$ 7,000.00	\$ 10,859.68	\$ 10,859.68	\$ 10,000.00	\$ 10,000.00	-43%
PNC2116172C1-04-06	Furnish and Install new Bollards	4	each	\$ 500.00	\$ 2,000.00	\$ 871.20	\$ 3,484.80	N/A	N/A	N/A
PNC2116172C1-04-07	Furnish and Install new Signage	5	each	\$ 600.00	\$ 3,000.00	\$ 472.88	\$ 2,364.40	N/A	N/A	N/A
PNC2116172C1-04-08	Furnish and Install Elastomeric roof coating	2822	square foot	\$ 9.25	\$ 26,103.50	\$ 11.91	\$ 33,610.02	N/A	N/A	N/A
PNC2116172C1-05-01	Remove & Dispose Existing Concrete Canopy Section	756	square foot	\$ 100.00	\$ 75,600.00	\$ 43.73	\$ 33,059.88	\$ 35.00	\$ 26,460.00	65%
PNC2116172C1-05-02	Furnish & Install Structural Steel Trusses	1	lump sum	\$ 160,000.00	\$ 160,000.00	\$ 210,113.51	\$ 210,113.51	\$ 70,000.00	\$ 70,000.00	56%
PNC2116172C1-05-03	Furnish & Install Steel Joists	1	lump sum	\$ 12,800.00	\$ 12,800.00	\$ 35,000.00	\$ 35,000.00	\$ 7,000.00	\$ 7,000.00	45%
PNC2116172C1-05-04	Furnish & Install Steel Deck	1	lump sum	\$ 4,000.00	\$ 4,000.00	\$ 23,660.00	\$ 23,660.00	\$ 3,000.00	\$ 3,000.00	25%
PNC2116172C1-05-05	Furnish & Place Structural Concrete	1	lump sum	\$ 5,500.00	\$ 5,500.00	\$ 48,094.19	\$ 48,094.19	\$ 5,500.00	\$ 5,500.00	0%
PNC2116172C1-05-06	Excavation for Guard Booth Concrete Barrier	12	cubic yard	\$ 75.00	\$ 900.00	\$ 48.28	\$ 579.36	N/A	\$ 25,000.00	-2678%
PNC2116172C1-05-07	Furnish & Place Concrete Guard Booth Concrete Barrier	1	lump sum	\$ 76,000.00	\$ 76,000.00	\$ 35,179.12	\$ 35,179.12	\$ 84,000.00	\$ 84,000.00	-11%
PNC2116172C1-06-01	Demolition of Existing Electrical Conduit and Wiring	500	linear foot	\$ 1.00	\$ 500.00	\$ 8.68	\$ 4,340.00	N/A	\$ 9,000.00	-16%
PNC2116172C1-06-02	Demolition of Existing Concrete Light Poles & Fixtures	2	each	\$ 1,000.00	\$ 2,000.00	\$ 908.76	\$ 1,817.52	N/A	N/A	N/A
PNC2116172C1-06-03	Demolition of Existing Concrete Poles and CCTV Camera	1	each	\$ 1,000.00	\$ 1,000.00	\$ 1,103.28	\$ 1,103.28	N/A	N/A	N/A
PNC2116172C1-06-04	Furnish and Install New Concrete Poles and light fixtures	2	each	\$ 5,000.00	\$ 10,000.00	\$ 7,698.38	\$ 15,396.76	\$ 4,500.00	\$ 9,000.00	10%
PNC2116172C1-06-05	Furnish and Install New Concrete Poles W/CCTV Camera	1	each	\$ 5,000.00	\$ 5,000.00	\$ 9,955.04	\$ 9,955.04	N/A	N/A	N/A
PNC2116172C1-06-06	Furnish and install new conduit and conductors to new light poles	500	linear foot	\$ 5.00	\$ 2,500.00	\$ 14.19	\$ 7,095.00	N/A	\$ 8,035.50	-221%
PNC2116172C1-06-07	Furnish and install new conduit and fiber optic cabling to new CCTV Camera poles	1000	linear foot	\$ 10.00	\$ 10,000.00	\$ 14.27	\$ 14,270.00	N/A	N/A	N/A
PNC2116172C1-06-08	Furnish and install new conduit to security booth and gate arm	250	linear foot	\$ 10.00	\$ 2,500.00	\$ 20.74	\$ 5,185.00	N/A	N/A	N/A
PNC2116172C1-06-09	Furnish and install new CCTV Cameras	8	each	\$ 3,000.00	\$ 24,000.00	\$ 1,393.67	\$ 11,149.36	\$ 1,950.00	\$ 15,600.00	35%
PNC2116172C1-06-10	Relocate Electronic Signage	4	each	\$ 2,000.00	\$ 8,000.00	\$ 4,146.03	\$ 16,584.12	\$ 2,500.00	\$ 10,000.00	-25%
PNC2116172C1-06-11	Removal of Existing Light fixtures beneath canopy	12	each	\$ 300.00	\$ 3,600.00	\$ 154.69	\$ 1,856.28	N/A	N/A	N/A
PNC2116172C1-06-12	Removal of Existing conduit and wiring to existing light fixtures	500	linear foot	\$ 1.00	\$ 500.00	\$ 6.68	\$ 3,340.00	N/A	N/A	N/A
PNC2116172C1-06-13	Furnish and install new light fixtures beneath canopy	20	each	\$ 500.00	\$ 10,000.00	\$ 819.91	\$ 16,398.20	\$ 1,050.00	\$ 21,000.00	-110%
PNC2116172C1-06-14	Furnish and install new conduit and conductors to new light fixtures	500	linear foot	\$ 1.00	\$ 500.00	\$ 37.11	\$ 18,555.00	N/A	N/A	N/A
PNC2116172C1-07-01	Screen Cover & Mountings	1	lump sum	\$ 39,000.00	\$ 39,000.00	\$ 43,540.00	\$ 43,540.00	\$ 132,000.00	\$ 132,000.00	-238%
	Subtotal				\$ 1,559,675.00		\$ 1,729,640.86		\$ 1,100,933.00	
	Allowances						\$ 210,000.00		\$ 210,000.00	
	<b>Total Base Bid plus Allowances and Optional Items</b>				<b>\$ 1,769,675.00</b>		<b>\$ 1,939,640.86</b>		<b>\$ 1,310,933.00</b>	<b>25.9%</b>

**Price Analysis Notes:**

- Note 1: Items 06-01 thru 06-03, 06-11 & 06-12 were estimated \$9,000 lump sum; the sum of items is \$7,600 (16% less than engineer's estimate). Formula reflects calculation.
- Note 2: Item 06-06 was originally estimated as three separate items (PVC, RGC & #6 THWN) totaling \$8,035.50. Formula reflects the percent difference of total price (not unit price).
- Note 3: Items 03-22 thru 03-29 were estimated as one pavement marking item at a lump sum of \$10,000; sum of items is \$8,237.50 (21% less than engineer's estimate). Formula reflects calculation.
- Note 4: SWPPP includes estimated permit fees at \$28,007.40.
- Note 5: The estimate reflects 2.5" asphalt in two lifts.
- Note 6: The original engineer's estimate did not include all line items bid (unit/total price indicated with N/A).
- Note 7: Engineer's estimate was lump sum and did not include unit price. Formula reflects the percent difference of total price (not unit).

\* B & A = Bermello Ajamil & Partners, Inc.