

ENGINEERS COST ESTIMATE

5/22/2013

Project Description: Proposed sheriffs buildings, 1769 East Moody Blvd., Bunnell

LAYOUT #1

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Pay Item Number*	Pay Item Description*	Quantity	Unit	Engineer's Unit Cost	Engineer's Total Cost
25,000 sf building (1 stories)					
0101-1	Mobilization	1	LS	\$60,000.00	\$60,000.00
0102-1	Maintenance of Traffic	1	LS	\$1,000.00	\$1,000.00
0102-60	Work Zone Signs	180	ED	\$0.24	\$43.20
0102-74-1	Temp Barricade Devices	100	ED	\$0.12	\$12.00
0102-77	High Intensity Flashing Lights	76	ED	\$0.25	\$19.00
0104-10-3	Sediment Barrier	800	LF	\$0.98	\$784.00
0110-1-1	Clearing and Grubbing	1	LS	\$5,000.00	\$5,000.00
0110-3	Remove Existing Structures	1	LS	\$5,000.00	\$5,000.00
0110-4	Remove existing conc	440	SY	\$13.93	\$6,129.20
0120-1	Regular Excavation	5,000	CY	\$4.59	\$22,950.00
0120-6	Embankment	1,000	CY	\$6.65	\$6,650.00
0160-4	Stabilized Subgrade	2,800	SY	\$3.07	\$8,596.00
0285-704	6" Limerock Base Grp 4	2,700	SY	\$13.47	\$36,369.00
0334-1-12	Superpave-TLB, SP9.5,1.5"	190	TN	\$92.02	\$17,483.80
0425-1-521	Type C Catch Basin	5	EA	\$1,932.65	\$9,663.25
0430-175-115	15" conc Storm Drain	500	LF	\$78.12	\$39,060.00
0430-610-13	15" Conc.endwall	1	EA	\$1,500.00	\$1,500.00
0520-21	conc curb type A	850	LF	\$11.06	\$9,401.00
0522-1	Conc. Sidewalk 4" Thick	150	SY	\$26.80	\$4,020.00
0570-1-2	Performance Turf	5,243	SY	\$2.00	\$10,486.00
0580-1-1	Landscape Complete	1.0	LS	\$8,000.00	\$8,000.00
	Additional Parking spaces	48.0	PS	\$1,700.00	\$81,600.00
Page 1 Subtotal					\$333,766.45

ENGINEERS COST ESTIMATE

Project Description: GSB 1#, 1769 East Moody Blvd., Bunnell

Pay Item Number*	Pay Item Description*	25,000 sf building			Engineer's Total Cost
		Quantity	Unit	Engineer's Unit Cost	
0700-20-11	Single Post Sign	5	EA	\$253.75	\$1,268.75
0711-11-111	Thermo Marking 6" Solid White	0.170	NM	\$3,811.54	\$647.96
0711-11-125	Thermo Marking 24" Solid White	24	LF	\$3.44	\$82.56
0711-11-460	Thermo Pavement Message H/C	3	EA	\$228.67	\$686.01
0715-4021	Light Poles	4	EA	\$3,779.04	\$15,116.16
0721-74-1	Trash Receptacles	2	EA	\$1,083.59	\$2,167.18
0721-77	Bicycle Rack	1	EA	\$668.85	\$668.85
0737-70-1	Utility Locate Underground	2	EA	\$600.00	\$1,200.00
0737-70-2	Utility Locate Pavement	1	EA	\$2,500.00	\$2,500.00
1050-11-212	Underground PVC Elec Service	130	LF	\$20.84	\$2,709.20
1050-11-212	4" Pvc Sewer Main	150	LF	\$22.28	\$3,342.00
1050-11-222	4" Sched 40 pvc Water Service	50	LF	\$43.35	\$2,167.50
1080-11-202	RP Backflow Preventer	1	EA	\$1,029.23	\$1,029.23
1080-11-207	Sewer Tapping Saddle	1	EA	\$2,643.38	\$2,643.38
1080-11-403	Water Tapping Sleeve	1	EA	\$4,455.17	\$4,455.17
A	Building	25,000	SF	\$175.00	\$4,375,000.00
B	Detention Basin Outlet Control	1	LS	\$1,000.00	\$1,000.00
C	Monument Sign w/ Lighting	1	LS	\$24,969.00	\$24,969.00
D	Concrete Wheel Stops	10	EA	\$102.32	\$1,023.20
E	SIRWMD Mitigation staff	1	LS	\$25,000.00	\$25,000.00
F	Relocate Heli Pad fixtures	1	LS	\$10,000.00	\$10,000.00
G	Wetlands Mitigation	0.40	AC	\$150,000.00	\$60,000.00
G1	Generator	1	EA	\$180,000.00	\$180,000.00
	Subtotal from above				\$4,717,676.15
	Subtotal from Page 1				\$333,766.45
H	Architect, CEI, Staff	1	10% project	\$505,144.26	\$505,144.26
I	Contingency	1	7.5% project	\$378,858.20	\$378,858.20
J	Survey	1	LS	\$25,000.00	\$25,000.00
TOTAL ESTIMATE					\$5,960,445.06

*Based on 4/4/2013 fdot Pay item list

ENGINEERS COST ESTIMATE

5/22/2013

Project Description: GSB 1#, 1769 East Moody Blvd., Bunnell

LAYOUT #2

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Pay Item Number*	Pay Item Description*	Quantity	Unit	Engineer's Unit Cost	Engineer's Total Cost
25,000 sf building (1 stories)					
0101-1	Mobilization	1	LS	\$60,000.00	\$60,000.00
0102-1	Maintenance of Traffic	1	LS	\$1,000.00	\$1,000.00
0102-60	Work Zone Signs	180	ED	\$0.24	\$43.20
0102-74-1	Temp Barricade Devices	100	ED	\$0.12	\$12.00
0102-77	High Intensity Flashing Lights	76	ED	\$0.25	\$19.00
0104-10-3	Sediment Barrier	650	LF	\$0.98	\$637.00
0110-1-1	Clearing and Grubbing	1	LS	\$15,000.00	\$15,000.00
0120-1	Regular Excavation	5,000	CY	\$4.59	\$22,950.00
0120-6	Embankment	4,000	CY	\$6.65	\$26,600.00
0160-4	Stabilized Subgrade	5,000	SY	\$3.07	\$15,350.00
0285-704	6" Limerock Base Grp 4	4,800	SY	\$13.47	\$64,656.00
0334-1-12	Superpave-TLB, SP9.5,1.5"	391	TN	\$92.02	\$35,979.82
0425-1-521	Type C Catch Basin	5	EA	\$1,932.65	\$9,663.25
0430-175-115	15" conc Storm Drain	700	LF	\$78.12	\$54,684.00
0430-610-13	15" Conc.endwall	1	EA	\$1,500.00	\$1,500.00
0520-21	conc curb type A	1,700	LF	\$11.06	\$18,802.00
0522-1	Conc. Sidewalk 4" Thick	390	SY	\$26.80	\$10,452.00
0570-1-2	Performance Turf	7,500	SY	\$2.00	\$15,000.00
0580-1-1	Landscape Complete	1.0	LS	\$12,000.00	\$12,000.00
	Additional Parking Spaces to 97	10.0		\$1,700.00	\$17,000.00
Page 1 Subtotal					\$381,348.27

ENGINEERS COST ESTIMATE

GSB 2#, 1769 East Moody Blvd., Bunnell

Pay Item Number*	Pay Item Description*	Quantity	Unit	Engineer's Unit Cost	Engineer's Total Cost
0700-20-11	Single Post Sign	6	EA	\$253.75	\$1,522.50
0711-11-111	Thermo Marking 6" Solid White	0.250	NM	\$3,811.54	\$952.89
0711-11-125	Thermo Marking 24" Solid White	13	LF	\$3.44	\$44.72
0711-11-460	Thermo Pavement Message H/C	4	EA	\$228.67	\$914.68
0715-4021	Light Poles	5	EA	\$3,779.04	\$18,895.20
0721-74-1	Trash Receptacles	2	EA	\$1,083.59	\$2,167.18
0721-77	Bicycle Rack	1	EA	\$668.85	\$668.85
0737-70-1	Utility Locate Underground	2	EA	\$600.00	\$1,200.00
0737-70-2	Utility Locate Pavement	1	EA	\$2,500.00	\$2,500.00
1050-11-212	Underground PVC Elec Service	100	LF	\$20.84	\$2,084.00
1050-11-212	4" Pvc Sewer Main	80	LF	\$22.28	\$1,782.40
1050-11-222	4" Sched 40 pvc Water Service	80	LF	\$43.35	\$3,468.00
1080-11-202	RP Backflow Preventer	1	EA	\$1,029.23	\$1,029.23
1080-11-207	Sewer Tapping Saddle	1	EA	\$2,643.38	\$2,643.38
1080-11-403	Water Tapping Sleeve	1	EA	\$4,455.17	\$4,455.17
A	Building	25,000	SF	\$175.00	\$4,375,000.00
B	Detention Basin Outlet Control	1	LS	\$1,000.00	\$1,000.00
C	Monument Sign w/ Lighting	1	LS	\$24,969.00	\$24,969.00
D	Concrete Wheel Stops	16	EA	\$102.32	\$1,637.12
E	SJRWMD Mitigation staff	1	LS	\$40,000.00	\$40,000.00
F	Wetlands Mitigation	1.9	AC	\$150,000.00	\$285,000.00
F1	Generator	1	EA	\$180,000.00	\$180,000.00
	Subtotal from above				\$4,951,934.32
	Subtotal from Page 1				\$384,348.27
G	Architect, CEI, Staff	1	10% project	\$533,628.26	\$533,628.26
H	Contingency	1	7.5% project	\$400,221.19	\$400,221.19
I	Survey	1	LS	\$35,000.00	\$35,000.00
					\$6,305,132.04

*Based on 4/4/2013 fdot Pay item list