

PROJECT: Bahama Village/Truman Waterfront Connectivity Projects

PROJECT #: 144481000

CLIENT: City of Key West

Monday, February 28, 2011

SOUTHARD STREET - OPINION OF PROBABLE CONSTRUCTION COSTS

Roadway, Drainage, Landscape, Hardscape, and Roadway Lighting

"The Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to the Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinion of probable costs."

ROADWAY PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
101-1	MOBILIZATION	LS	1	\$25,000.00	\$25,000
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$15,000.00	\$15,000
104-10-3	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS	1	\$15,000.00	\$15,000
108-1	AS-BUILTS	LS	1	\$7,500.00	\$7,500
110-1-1	CLEARING & GRUBBING	LS	1	\$20,000.00	\$20,000
110-1-1A	CLEARING & GRUBBING (SELECT)	LS	1	\$12,000.00	\$12,000
120-1	REGULAR EXCAVATION	CY	433	\$8.00	\$3,464
120-6	EMBANKMENT	CY	6	\$15.00	\$90
285-704	CEMENTED COQUINA BASE (LBR 100) (5")	SY	17.6	\$17.50	\$308
285-704A	CEMENTED COQUINA BASE (LBR 100) (6")(CURB PAD)	SY	603	\$15.00	\$9,045
327-70-1	MILLING EXISTING ASPHALT PAVEMENT (1" - 6" AVG. DEPTH)	SY	229	\$4.00	\$916
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	25	\$175.00	\$4,358
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, RUBBER)(1.5")	TN	191	\$200.00	\$38,200
425-1-355	INLETS (CURB) (TYPE P-5) (PARTIAL)	EA	1	\$2,250.00	\$2,250
425-1-205	INLETS (CURB) (TYPE P-9)	EA	4	\$3,000.00	\$12,000
425-5-1	MANHOLE - ADJUST (UTILITIES)	EA	10	\$600.00	\$6,000
425-6	VALVE BOX (ADJUST)	EA	15	\$300.00	\$4,500
430-174-118	CONC. PIPE CULVERT (18" SD)	LF	170	\$80.00	\$13,600
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	1,548	\$30.00	\$46,440
522-1	CONCRETE SIDEWALK, 4" THICK	SY	1,109	\$60.00	\$66,540
522-2	CONCRETE SIDEWALK, 6" THICK	SY	247.2	\$70.00	\$17,304
660-2-106	LOOP ASSEMBLY (F&I) (TYPE F)	AS	5	\$1,000.00	\$5,000
1080-15	METER BOX (ADJUST)	EA	30	\$575.00	\$17,250
1644-700	FIRE HYDRANT (ADJUST & MODIFY)	EA	1	\$1,500.00	\$1,500
ROADWAY SUBTOTAL =					\$343,265

SIGNING & PAVEMENT MARKING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
700-20-11	SINGLE POST SIGN, (F&I) (LESS THAN 12 SF)	AS	22	\$475.00	\$10,450
700-20-11B	PEDESTRIAN WAYFINDING SIGN	AS	1	\$4,500.00	\$4,500
700-20-11C	VEHICULAR WAYFINDING SIGN (SINGLE POST)	AS	1	\$6,000.00	\$6,000
711-11-121	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	LF	1,938	\$1.50	\$2,907
711-11-123	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (12")	LF	217	\$2.00	\$434
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24")	LF	60	\$3.50	\$210
711-11-141	THERMOPLASTIC (STANDARD) (WHITE) (SKIP) (6'-10') (6")	LF	48	\$1.50	\$72
711-11-160	THERMOPLASTIC (STANDARD) (WHITE) (MESSAGE)	EA	8	\$100.00	\$800
711-11-170	THERMOPLASTIC (STANDARD) (WHITE) (ARROWS)	EA	2	\$40.00	\$80
711-11-221	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	LF	820	\$3.00	\$2,460
SIGNING & PAVMT MARKING SUBTOTAL =					\$27,913

LANDSCAPE PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
519-78	STREET BOLLARD	EA	4	\$225.00	\$900
519-78A	BIKE BOLLARD	EA	2	\$200.00	\$400
570-1-2	PERFORMANCE TURF (SOD) (COMMON BERMUDA)	SY	282	\$5.00	\$1,410
570-1-2A	MULCH	CY	28.0	\$45.00	\$1,260
570-1-2B	TOPSOIL	CY	251	\$15.00	\$3,765
580-1-1A	LANDSCAPE COMPLETE (SMALL SHRUBS)	EA	2,589	\$10.00	\$25,890
580-1-1B	LANDSCAPE COMPLETE (SMALL/MEDIUM PLANTS)	EA	4	\$350.00	\$1,400
721-74-1	TRASH RECEPTACLE	EA	2	\$750.00	\$1,500
721-75-1	BENCHES	EA	2	\$2,500.00	\$5,000
721-77	BIKE RACK	EA	2	\$750.00	\$1,500
721-99	FLEXI-PAVE (2" THICK) (COLOR-REDWOOD)	SY	40.4	\$65.00	\$2,626
LANDSCAPE SUBTOTAL =					\$45,651
LIGHTING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
715-2-11	CONDUIT (PVC SCHEDULE 40-2") UNDERGROUND	LF	1,574	\$15.00	\$23,610
715-4-300A	LIGHT POLE COMPLETE (FURNISH & INSTALL)	EA	32	\$6,500.00	\$208,000
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA	1	\$7,500.00	\$7,500
715-14-11	PULL BOX (CONCRETE) (ROADSIDE)	EA	32	\$350.00	\$11,200
LIGHTING SUBTOTAL =					\$250,310
GRAND TOTAL =					\$667,139
CONTINGENCY =				10%	\$66,714
PROJECT TOTAL =					\$733,853

Pay Item Footnote:

1. Opinion of probable cost (OPC) is based upon 100% construction plans dated February 2011.



PROJECT: Bahama Village/Truman Waterfront Connectivity Projects

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Monday, February 28, 2011

ANGELA STREET - OPINION OF PROBABLE CONSTRUCTION COSTS

Roadway, Drainage, Landscape, Hardscape, and Roadway Lighting

"The Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to the Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinion of probable costs."

ROADWAY PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
101-1	MOBILIZATION	LS	1	\$50,000.00	\$50,000
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$35,000.00	\$35,000
104-10-3	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS	1	\$25,000.00	\$25,000
108-1	AS-BUILTS	LS	1	\$15,000.00	\$15,000
110-1-1	CLEARING & GRUBBING	LS	1	\$35,000.00	\$35,000
110-1-1A	CLEARING & GRUBBING (SELECT)	LS	1	\$20,000.00	\$20,000
120-1	REGULAR EXCAVATION	CY	1,810	\$8.00	\$14,480
120-6	EMBANKMENT	CY	21	\$15.00	\$315
160-4	TYPE "B" STABILIZATION	SY	4,246	\$2.50	\$10,615
285-709	CEMENTED COQUINA BASE (LBR 100) (10")	SY	3,367	\$25.00	\$84,175
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	361	\$175.00	\$63,175
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, RUBBER)(1.5")	TN	271	\$200.00	\$54,200
425-1-365	INLETS (CURB) (TYPE P-6) (PARTIAL)	EA	1	\$2,900.00	\$2,900
425-1-461	INLETS (CURB) (TYPE J-6) (<10')	EA	1	\$4,300.00	\$4,300
425-1-201	INLETS (CURB) (TYPE P-9) (<10')	EA	11	\$3,000.00	\$33,000
425-1-203	INLETS (CURB) (TYPE J-9) (<10')	EA	8	\$3,500.00	\$28,000
425-1-711	INLETS (GUTTER) (TYPE V) (<10')	EA	1	\$2,000.00	\$2,000
425-1-521	INLETS (DBI) (TYPE C) (<10')	EA	1	\$5,000.00	\$5,000
425-2-61	MANHOLES (P-8) (<10')	EA	1	\$2,100.00	\$2,100
425-2-63	MANHOLES (P-8) (PARTIAL)	EA	1	\$2,100.00	\$2,100
425-2-91	MANHOLES (J-8) (<10')	EA	2	\$3,000.00	\$6,000
425-5-1	MANHOLE - ADJUST (UTILITIES)	EA	10	\$600.00	\$6,000
425-6	VALVE BOX - ADJUST	EA	15	\$300.00	\$4,500
430-174-112	CONC. PIPE CULVERT (12" SD)	LF	18	\$65.00	\$1,170
430-174-118	CONC. PIPE CULVERT (18" SD)	LF	392	\$80.00	\$31,360
520-1-8	CONCRETE CURB & GUTTER (TYPE F MODIFIED)	LF	2,427	\$25.00	\$60,675
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	444	\$30.00	\$13,320
520-2-4	CONCRETE CURB (TYPE D)	LF	113	\$25.00	\$2,825
520-2-9	CONCRETE CURB (HEADER) (12")	LF	532	\$15.00	\$7,980
520-3	VALLEY GUTTER (CONCRETE) (MODIFIED)	LF	42	\$20.00	\$840
522-1	CONCRETE SIDEWALK, 4" THICK	SY	1,135	\$60.00	\$68,100
522-2	CONCRETE SIDEWALK, 6" THICK	SY	332.7	\$70.00	\$23,289
526-1-2	ARCHITECTURAL PAVERS (ROADWAY)	SY	192	\$95.00	\$18,240
526-1-2A	ARCHITECTURAL PAVERS (REMOVE AND RESET)	SY	140	\$125.00	\$17,500
1050-12-220	UTILITY PIPE RELOCATE (PVC) (2") (WATER)	LF	120	\$75.00	\$9,000
1080-15	METER BOX (ADJUST)	EA	35	\$575.00	\$20,125
1644-800	FIRE HYDRANT (RELOCATE)	EA	1	\$1,500.00	\$1,500
ROADWAY SUBTOTAL =					\$778,784

SIGNING & PAVEMENT MARKING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
700-20-11	SINGLE POST SIGN, (F&I) (LESS THAN 12 SF)	AS	30	\$475.00	\$14,250
700-20-11A	BUS STOP WAYFINDING SIGN	AS	2	\$1,200.00	\$2,400
711-11-121	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	LF	2,905	\$1.50	\$4,358
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24")	LF	136	\$4.00	\$544
711-11-141	THERMOPLASTIC (STANDARD) (WHITE) (SKIP) (2'-4') (6")	LF	48	\$1.00	\$48
711-11-160	THERMOPLASTIC (STANDARD) (WHITE) (MESSAGE)	EA	25	\$300.00	\$7,500
711-11-221	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	LF	1,120	\$3.00	\$3,360
SIGNING & PAVMT MARKING SUBTOTAL =					\$18,210
LANDSCAPE PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
519-78	STREET BOLLARD	EA	4	\$225.00	\$900
519-78A	BIKE BOLLARD	EA	3	\$200.00	\$600
570-1-2	PERFORMANCE TURF (SOD) (COMMON BERMUDA)	SY	499.1	\$5.00	\$2,496
570-1-2A	MULCH	CY	20.8	\$45.00	\$936
570-1-2B	TOPSOIL	CY	186	\$15.00	\$2,790
580-1-1A	LANDSCAPE COMPLETE (SMALL SHRUBS)	EA	1,757	\$10.00	\$17,570
580-1-1B	LANDSCAPE COMPLETE (SMALL/MEDIUM PLANTS)	EA	18	\$350.00	\$6,300
580-1-2	LANDSCAPE COMPLETE (LARGE PLANTS)	EA	4	\$500.00	\$2,000
721-74-1	TRASH RECEPTACLE	EA	2	\$750.00	\$1,500
721-75-1	BENCHES	EA	2	\$2,500.00	\$5,000
721-77	BIKE RACK	EA	3	\$750.00	\$2,250
LANDSCAPE SUBTOTAL =					\$81,533
LIGHTING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
715-2-11	CONDUIT (PVC SCHEDULE 40-2") UNDERGROUND	LF	1,805	\$15.00	\$27,075
715-4-300A	LIGHT POLE COMPLETE (FURNISH & INSTALL)	EA	33	\$6,500.00	\$214,500
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA	1	\$7,500.00	\$7,500
715-14-11	PULL BOX (CONCRETE) (ROADSIDE)	EA	34	\$75.00	\$2,550
LIGHTING SUBTOTAL =					\$251,625
ALTERNATE BID ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
526-1-2B	ASPHALTIC CONCRETE CROSSWALKS	SY	192	(\$60.00)	-\$11,520
ALTERNATE BID SUBTOTAL =					(\$11,520)
GRAND TOTAL =					\$1,130,152
CONTINGENCY =				10%	\$113,015
PROJECT TOTAL =					\$1,243,167

Pay Item Footnote:

1. Opinion of probable cost (OPC) is based upon 100% construction plans dated February 2011.

PROJECT: Bahama Village/Truman Waterfront Connectivity Projects

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Monday, February 28, 2011

PETRONIA STREET - OPINION OF PROBABLE CONSTRUCTION COSTS
Roadway, Drainage, Landscape, Hardscape, and Roadway Lighting

"The Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to the Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinion of probable costs."

ROADWAY PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
101-1	MOBILIZATION	LS	1	\$40,000.00	\$40,000
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$30,000.00	\$30,000
104-10-3	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS	1	\$20,000.00	\$20,000
108-1	AS-BUILTS	LS	1	\$15,000.00	\$15,000
110-1-1	CLEARING & GRUBBING	LS	1	\$35,000.00	\$35,000
110-1-1A	CLEARING & GRUBBING (SELECT)	LS	1	\$15,000.00	\$15,000
120-1	REGULAR EXCAVATION	CY	1,691	\$8.00	\$13,528
120-6	EMBANKMENT	CY	8	\$15.00	\$120
160-4	TYPE "B" STABILIZATION	SY	1,839	\$2.50	\$4,598
285-704	CEMENTED COQUINA BASE (LBR 100) (5")	SY	59	\$17.50	\$1,033
285-704A	CEMENTED COQUINA BASE (LBR 100) (10")	SY	1,921	\$25.00	\$48,025
327-70-1	MILLING EXISTING ASPHALT PAVEMENT (1" - 6" AVG. DEPTH)	SY	723	\$4.00	\$2,892
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	150.5	\$175.00	\$26,338
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, RUBBER)	TN	108	\$200.00	\$21,600
425-1-201	INLETS (CURB) (TYPE P-9) (<10')	EA	9	\$3,000.00	\$27,000
425-1-205	INLETS (CURB) (TYPE P-9) (PARTIAL)	EA	1	\$3,000.00	\$3,000
425-2-61	MANHOLES (P-8) (<10')	EA	2	\$2,100.00	\$4,200
425-5-1	MANHOLE - ADJUST (UTILITIES)	EA	5	\$600.00	\$3,000
425-6	VALVE BOX - ADJUST	EA	5	\$300.00	\$1,500
430-174-118	CONC. PIPE CULVERT (18" SD)	LF	163	\$80.00	\$13,040
430-174-124	CONC. PIPE CULVERT (24" SD)	LF	138	\$90.00	\$12,420
430-174-215	CONC. PIPE CULVERT (12"X18"SD)	LF	116	\$75.00	\$8,700
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	3,173	\$30.00	\$95,190
520-2-9	CONCRETE CURB (HEADER) (12")	LF	388	\$15.00	\$5,820
520-2-9A	CONCRETE CURB (HEADER) (24")	LF	28	\$15.00	\$420
520-3	VALLEY GUTTER (CONCRETE)	LF	76	\$20.00	\$1,520
522-1	CONCRETE SIDEWALK, 4" THICK	SY	733	\$60.00	\$43,980
522-2	CONCRETE SIDEWALK, 6" THICK	SY	296.7	\$70.00	\$20,769
526-1-2	ARCHITECTURAL PAVERS (ROADWAY)	SY	1,460	\$95.00	\$138,700
526-1-2A	ARCHITECTURAL PAVERS (REMOVE AND RESET)	SY	146	\$125.00	\$18,250
660-2-106	LOOP ASSEMBLY (F&I) (TYPE F)	AS	3	\$1,000.00	\$3,000
1050-12-220	UTILITY PIPE RELOCATE (PVC) (6") (WATER)	LF	30	\$95.00	\$2,850
1080-15	METER BOX (ADJUST)	EA	30	\$575.00	\$17,250
ROADWAY SUBTOTAL =					\$693,742

SIGNING & PAVEMENT MARKING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
700-20-11	SINGLE POST SIGN, (F&I) (LESS THAN 12 SF)	AS	22	\$475.00	\$10,450
700-20-11A	BUS STOP WAYFINDING SIGN	AS	1	\$1,200.00	\$1,200
700-20-11B	PEDESTRIAN WAYFINDING SIGN	AS	1	\$4,500.00	\$4,500
700-20-11C	VEHICULAR WAYFINDING SIGN (SINGLE POST)	AS	2	\$6,000.00	\$12,000
711-11-121	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	LF	1,505	\$1.50	\$2,258
711-11-123	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (12")	LF	245	\$2.00	\$490
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24")	LF	165	\$4.00	\$660
711-11-160	THERMOPLASTIC (STANDARD) (WHITE) (MESSAGE)	EA	20	\$300.00	\$6,000
711-11-221	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	LF	450	\$3.00	\$1,350
SIGNING & PAVMT MARKING SUBTOTAL =					\$38,908
LANDSCAPE PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
519-78	STREET BOLLARD	EA	12	\$225.00	\$2,700
519-78A	BIKE BOLLARD	EA	3	\$200.00	\$600
570-1-2	PERFORMANCE TURF (SOD) (COMMON BERMUDA)	SY	551	\$5.00	\$2,755
570-1-2A	MULCH	CY	9.7	\$45.00	\$437
570-1-2B	TOPSOIL	CY	88	\$15.00	\$1,320
580-1-1A	LANDSCAPE COMPLETE (SMALL SHRUBS)	EA	908	\$10.00	\$9,080
580-1-1B	LANDSCAPE COMPLETE (SMALL/MEDIUM PLANTS)	EA	6	\$350.00	\$2,100
721-74-1	TRASH RECEPTACLE	EA	2	\$500.00	\$1,000
721-75-1	BENCHES	EA	2	\$2,500.00	\$5,000
721-77	BIKE RACK	EA	3	\$750.00	\$2,250
721-99	FLEXI-PAVE (2" THICK) (COLOR-REDWOOD)	SY	43.4	\$65.00	\$2,821
LANDSCAPE SUBTOTAL =					\$30,063
LIGHTING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
715-2-11	CONDUIT (PVC SCHEDULE 40-2") UNDERGROUND	LF	1,376	\$15.00	\$20,640
715-4-300A	LIGHT POLE COMPLETE (FURNISH & INSTALL)	EA	31	\$6,500.00	\$201,500
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA	1	\$7,500.00	\$7,500
715-14-11	PULL BOX (CONCRETE) (ROADSIDE)	EA	18	\$75.00	\$1,350
LIGHTING SUBTOTAL =					\$230,990
ALTERNATE BID ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
526-1-2B	ASPHALTIC CONCRETE CROSSWALKS	SY	1,460	(\$60.00)	-\$87,600
ALTERNATE BID SUBTOTAL =					(\$87,600)
GRAND TOTAL =					\$993,702
CONTINGENCY =				10%	\$99,370
PROJECT TOTAL =					\$1,093,072

Pay Item Footnote:

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CLIENT: City of Key West

Monday, February 28, 2011

OLIVIA STREET - OPINION OF PROBABLE CONSTRUCTION COSTS

Roadway, Drainage, Landscape, Hardscape, and Roadway Lighting

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ROADWAY PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
101-1	MOBILIZATION	LS	1	\$50,000.00	\$50,000
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$35,000.00	\$35,000
104-10-3	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS	1	\$25,000.00	\$25,000
108-1	AS-BUILTS	LS	1	\$15,000.00	\$15,000
110-1-1	CLEARING & GRUBBING	LS	1	\$35,000.00	\$35,000
110-1-1A	CLEARING & GRUBBING (SELECT)	LS	1	\$20,000.00	\$20,000
120-1	REGULAR EXCAVATION	CY	2,351	\$8.00	\$18,808
120-6	EMBANKMENT	CY	17	\$15.00	\$255
160-4	TYPE "B" STABILIZATION	SY	1,839	\$2.50	\$4,598
285-709	CEMENTED COQUINA BASE (LBR 100) (10")	SY	3,559	\$25.00	\$88,975
327-70-1	MILLING EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)	SY	108	\$4.00	\$432
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	389	\$175.00	\$68,075
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, RUBBER)	TN	287	\$200.00	\$57,400
425-1-201	INLETS (CURB) (TYPE P-9) (<10')	EA	17	\$3,000.00	\$51,000
425-1-203	INLETS (CURB) (TYPE J-9) (<10')	EA	3	\$3,500.00	\$10,500
425-1-711	INLETS (GUTTER) (TYPE V) (<10')	EA	1	\$2,000.00	\$2,000
425-2-61	MANHOLES (P-8) (<10')	EA	2	\$2,100.00	\$4,200
425-2-91	MANHOLES (J-8) (<10')	EA	2	\$3,000.00	\$6,000
425-5-1	MANHOLE - ADJUST (UTILITIES)	EA	8	\$600.00	\$4,800
425-6	VALVE BOX - ADJUST	EA	12	\$300.00	\$3,600
425-11	DRAINAGE STRUCTURES (MODIFY)	EA	2	\$1,500.00	\$3,000
430-174-118	CONC. PIPE CULVERT (18" SD)	LF	1,046	\$80.00	\$83,680
430-174-124	CONC. PIPE CULVERT (24" SD)	LF	341	\$90.00	\$30,690
520-1-8	CONCRETE CURB & GUTTER (TYPE F MODIFIED)	LF	3,095	\$25.00	\$77,375
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	315	\$30.00	\$9,450
520-2-4	CONCRETE CURB (TYPE D)	LF	17	\$25.00	\$425
520-2-9	CONCRETE CURB (HEADER) (12")	LF	538	\$15.00	\$8,070
522-1	CONCRETE SIDEWALK, 4" THICK	SY	733	\$60.00	\$43,980
522-2	CONCRETE SIDEWALK, 6" THICK	SY	407.1	\$70.00	\$28,497
526-1-2	ARCHITECTURAL PAVERS (ROADWAY)	SY	214	\$95.00	\$20,330
1080-15	METER BOX (ADJUST)	EA	33	\$575.00	\$18,975
1644-800	FIRE HYDRANT (RELOCATE)	EA	2	\$1,500.00	\$3,000
ROADWAY SUBTOTAL =					\$828,115

SIGNING & PAVEMENT MARKING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
700-20-11	SINGLE POST SIGN, (F&I) (LESS THAN 12 SF)	AS	30	\$475.00	\$14,250
700-20-11A	BUS STOP WAYFINDING SIGN	AS	1	\$1,200.00	\$1,200
700-20-11C	VEHICULAR WAYFINDING SIGN (SINGLE POST)	AS	3	\$6,000.00	\$18,000
711-11-121	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	LF	3,544	\$1.50	\$5,316
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24")	LF	142	\$4.00	\$568
711-11-160	THERMOPLASTIC (STANDARD) (WHITE) (MESSAGE)	EA	54	\$300.00	\$16,200
711-11-221	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	LF	400	\$3.00	\$1,200
711-11-421	THERMOPLASTIC (STANDARD) (BLUE) (SOLID) (6")	LF	64	\$1.50	\$96
SIGNING & PAVMT MARKING SUBTOTAL =					\$56,830
LANDSCAPE PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
519-78	STREET BOLLARD	EA	6	\$225.00	\$1,350
519-78A	BIKE BOLLARD	EA	3	\$200.00	\$600
570-1-2	PERFORMANCE TURF (SOD) (COMMON BERMUDA)	SY	536	\$5.00	\$2,680
570-1-2A	MULCH	CY	21.4	\$45.00	\$963
570-1-2B	TOPSOIL	CY	191.4	\$15.00	\$2,871
580-1-1A	LANDSCAPE COMPLETE (SMALL SHRUBS)	EA	1,974	\$10.00	\$19,740
580-1-1B	LANDSCAPE COMPLETE (SMALL/MEDIUM PLANTS)	EA	20	\$350.00	\$7,000
721-74-1	TRASH RECEPTACLE	EA	3	\$500.00	\$1,500
721-75-1	BENCHES	EA	3	\$2,500.00	\$7,500
721-77	BIKE RACK	EA	3	\$750.00	\$2,250
LANDSCAPE SUBTOTAL =					\$44,204
LIGHTING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
715-2-11	CONDUIT (PVC SCHEDULE 40-2") UNDERGROUND	LF	1,832	\$15.00	\$27,480
715-4-300A	LIGHT POLE COMPLETE (FURNISH & INSTALL)	EA	35	\$6,500.00	\$227,500
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA	1	\$7,500.00	\$7,500
715-14-11	PULL BOX (CONCRETE) (ROADSIDE)	EA	36	\$75.00	\$2,700
LIGHTING SUBTOTAL =					\$265,180
ALTERNATE BID ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
526-1-2B	ASPHALTIC CONCRETE CROSSWALKS	SY	214	(\$60.00)	-\$12,840
ALTERNATE BID SUBTOTAL =					(\$12,840)
GRAND TOTAL =					\$1,194,329
CONTINGENCY = 10%					\$119,433
PROJECT TOTAL =					\$1,313,762

Pay Item Footnote:

1. Opinion of probable cost (OPC) is based upon 100% construction plans dated February 2011.



PROJECT: Bahama Village/Truman Waterfront Connectivity Projects

PROJECT #: 144481000

CLIENT: City of Key West

Monday, February 28, 2011

TRUMAN AVENUE - OPINION OF PROBABLE CONSTRUCTION COSTS

Roadway, Drainage, Landscape, Hardscape, and Roadway Lighting

"The Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to the Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinion of probable costs."

ROADWAY PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
101-1	MOBILIZATION	LS	1	\$50,000.00	\$50,000
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$35,000.00	\$35,000
104-10-3	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS	1	\$25,000.00	\$25,000
108-1	AS-BUILTS	LS	1	\$20,000.00	\$20,000
110-1-1	CLEARING & GRUBBING	LS	1	\$35,000.00	\$35,000
110-1-1A	CLEARING & GRUBBING (SELECT)	LS	1	\$20,000.00	\$20,000
120-1	REGULAR EXCAVATION	CY	1,757	\$8.00	\$14,056
120-6	EMBANKMENT	CY	3	\$15.00	\$45
160-4	TYPE "B" STABILIZATION	SY	3,321	\$2.50	\$8,303
285-704	CEMENTED COQUINA BASE (LBR 100) (5")	SY	133.2	\$17.50	\$2,331
285-709	CEMENTED COQUINA BASE (LBR 100) (10")	SY	2,662	\$25.00	\$66,550
327-70-1	MILLING EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH)	SY	1,355	\$4.00	\$5,420
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	274.7	\$175.00	\$48,073
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, RUBBER)	TN	195	\$200.00	\$39,000
425-1-201	INLETS (CURB) (TYPE P-9) (<10')	EA	13	\$3,000.00	\$39,000
425-1-203	INLETS (CURB) (TYPE J-9) (<10')	EA	5	\$3,500.00	\$17,500
425-2-61	MANHOLES (P-8) (<10')	EA	1	\$2,100.00	\$2,100
425-2-91	MANHOLES (J-8) (<10')	EA	3	\$3,000.00	\$9,000
425-5-1	MANHOLE - ADJUST (UTILITIES)	EA	14	\$600.00	\$8,400
425-6	VALVE BOX - ADJUST	EA	11	\$300.00	\$3,300
430-174-112	CONC. PIPE CULVERT (12" SD)	LF	15	\$65.00	\$975
430-174-115	CONC. PIPE CULVERT (15" SD)	LF	16	\$75.00	\$1,200
430-174-118	CONC. PIPE CULVERT (18" SD)	LF	350	\$80.00	\$28,000
430-174-124	CONC. PIPE CULVERT (24" SD)	LF	57	\$90.00	\$5,130
430-174-136	CONC. PIPE CULVERT (36" SD)	LF	9	\$100.00	\$900
520-1-8	CONCRETE CURB & GUTTER (TYPE F MODIFIED)	LF	1,850	\$25.00	\$46,250
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	649	\$30.00	\$19,470
520-2-9	CONCRETE CURB (HEADER) (12")	LF	358	\$15.00	\$5,370
522-1	CONCRETE SIDEWALK, 4" THICK	SY	1,285	\$62.50	\$80,313
522-2	CONCRETE SIDEWALK, 6" THICK	SY	394.6	\$70.00	\$27,622
526-1-2	ARCHITECTURAL PAVERS (ROADWAY)	SY	115	\$95.00	\$10,925
526-1-2A	ARCHITECTURAL PAVERS (REMOVE AND RESET)	SY	76	\$125.00	\$9,500
660-2-106	LOOP ASSEMBLY (F&I) (TYPE F)	AS	6	\$1,000.00	\$6,000
1050-12-424	UTILITY PIPE RELOCATE (DI) (12") (WATER)	LF	30	\$125.00	\$3,750
1080-15	METER BOX (ADJUST)	EA	10	\$575.00	\$5,750
1644-800	FIRE HYDRANT (RELOCATE)	EA	1	\$1,500.00	\$1,500
ROADWAY SUBTOTAL =					\$674,232

SIGNING & PAVEMENT MARKING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
700-20-11	SINGLE POST SIGN, (F&I) (LESS THAN 12 SF)	AS	10	\$475.00	\$4,750
700-20-11A	BUS STOP WAYFINDING SIGN	AS	2	\$1,200.00	\$2,400
700-20-11C	VEHICULAR WAYFINDING SIGN (SINGLE POST)	AS	1	\$6,000.00	\$6,000
711-11-121	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	LF	3,426	\$1.50	\$5,139
711-11-123	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (12")	LF	200	\$2.00	\$400
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24")	LF	110	\$4.00	\$440
711-11-160	THERMOPLASTIC (STANDARD) (WHITE) (MESSAGE)	EA	39	\$300.00	\$11,700
711-11-221	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	LF	1,000	\$3.00	\$3,000
711-11-421	THERMOPLASTIC (STANDARD) (BLUE) (SOLID) (6")	LF	32	\$1.50	\$48
SIGNING & PAVMT MARKING SUBTOTAL =					\$33,877
LANDSCAPE PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
519-78	STREET BOLLARD	EA	6	\$225.00	\$1,350
519-78A	BIKE BOLLARD	EA	3	\$200.00	\$600
570-1-2	PERFORMANCE TURF (SOD) (COMMON BERMUDA)	SY	374	\$5.00	\$1,870
570-1-2A	MULCH	CY	5.7	\$45.00	\$257
570-1-2B	TOPSOIL	CY	52	\$15.00	\$780
580-1-1A	LANDSCAPE COMPLETE (SMALL SHRUBS)	EA	530	\$10.00	\$5,300
580-1-1B	LANDSCAPE COMPLETE (SMALL/MEDIUM PLANTS)	EA	8	\$350.00	\$2,800
721-74-1	TRASH RECEPTACLE	EA	2	\$500.00	\$1,000
721-75-1	BENCHES	EA	2	\$2,500.00	\$5,000
721-77	BIKE RACK	EA	2	\$750.00	\$1,500
LANDSCAPE SUBTOTAL =					\$20,457
LIGHTING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
715-2-11	CONDUIT (PVC SCHEDULE 40-2") UNDERGROUND	LF	1,461	\$15.00	\$21,915
715-4-300A	LIGHT POLE COMPLETE (FURNISH & INSTALL)	EA	36	\$6,500.00	\$234,000
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA	1	\$7,500.00	\$7,500
715-14-11	PULL BOX (CONCRETE) (ROADSIDE)	EA	25	\$75.00	\$1,875
LIGHTING SUBTOTAL =					\$265,290
ALTERNATE BID ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
526-1-2B	ASPHALTIC CONCRETE CROSSWALKS	SY	115	(\$60.00)	-\$6,900
ALTERNATE BID SUBTOTAL =					(\$6,900)
GRAND TOTAL =					\$993,855
CONTINGENCY =				10%	\$99,386
PROJECT TOTAL =					\$1,093,241

Pay Item Footnote:

1. Opinion of probable cost (OPC) is based upon 100% construction plans dated February 2011.



PROJECT: Bahama Village/Truman Waterfront Connectivity Projects

PROJECT #: 144481000

CLIENT: City of Key West

Monday, February 28, 2011

JULIA STREET - OPINION OF PROBABLE CONSTRUCTION COSTS

Roadway, Drainage, Landscape, Hardscape, and Roadway Lighting

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ROADWAY PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
101-1	MOBILIZATION	LS	1	\$35,000.00	\$35,000
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$20,000.00	\$20,000
104-10-3	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS	1	\$15,000.00	\$15,000
108-1	AS-BUILTS	LS	1	\$12,000.00	\$12,000
110-1-1	CLEARING & GRUBBING	LS	1	\$35,000.00	\$35,000
110-1-1A	CLEARING & GRUBBING (SELECT)	LS	1	\$20,000.00	\$20,000
120-1	REGULAR EXCAVATION	CY	1,516	\$8.00	\$12,128
120-6	EMBANKMENT	CY	1	\$15.00	\$15
160-4	TYPE "B" STABILIZATION	SY	2,662	\$2.50	\$6,655
210-4	CEMENTED COQUINA BASE (NEW MATERIAL ASSOC. W/PAVEMENT RESTORATION)	CY	20	\$15.00	\$300
285-704	CEMENTED COQUINA BASE (LBR 100) (5")	SY	20.6	\$17.50	\$361
285-709	CEMENTED COQUINA BASE (LBR 100) (10")	SY	2,086	\$25.00	\$52,150
327-70-1	MILLING EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH)	SY	624	\$4.00	\$2,496
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	229.3	\$175.00	\$40,128
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, RUBBER)	TN	170	\$200.00	\$34,000
425-1-201	INLETS (CURB) (TYPE P-9) (<10')	EA	16	\$3,000.00	\$48,000
425-1-211	INLETS (CURB) (TYPE P-10) (<10')	EA	1	\$4,000.00	\$4,000
425-1-529	INLETS (DBI) (TYPE C) (MODIFY)	EA	1	\$2,000.00	\$2,000
425-2-61	MANHOLES (P-8) (<10')	EA	3	\$2,100.00	\$6,300
425-2-91	MANHOLES (J-8) (<10')	EA	2	\$3,000.00	\$6,000
425-5-1	MANHOLE - ADJUST (UTILITIES)	EA	6	\$600.00	\$3,600
425-6	VALVE BOX - ADJUST	EA	11	\$300.00	\$3,300
430-174-118	CONC. PIPE CULVERT (18" SD)	LF	782	\$80.00	\$62,560
430-174-124	CONC. PIPE CULVERT (24" SD)	LF	246	\$90.00	\$22,140
430-174-215	CONC. PIPE CULVERT (12"X18"SD)	LF	18	\$80.00	\$1,440
520-1-8	CONCRETE CURB & GUTTER (TYPE F MODIFIED)	LF	1,625	\$25.00	\$40,625
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	229	\$30.00	\$6,870
520-2-4	CONCRETE CURB (TYPE D)	LF	194	\$25.00	\$4,850
520-2-9	CONCRETE CURB (HEADER) (12")	LF	417	\$15.00	\$6,255
520-3	VALLEY GUTTER (CONCRETE) (MODIFIED)	LF	49	\$20.00	\$980
522-1	CONCRETE SIDEWALK, 4" THICK	SY	810	\$60.00	\$48,600
522-2	CONCRETE SIDEWALK, 6" THICK	SY	234.5	\$70.00	\$16,415
526-1-2	ARCHITECTURAL PAVERS (ROADWAY)	SY	160	\$95.00	\$15,200
526-1-2A	ARCHITECTURAL PAVERS (REMOVE AND RESET)	SY	98	\$125.00	\$12,250
1050-12-220	UTILITY PIPE RELOCATE (PVC) (2") (WATER)	LF	30	\$75.00	\$2,250
1080-15	METER BOX (ADJUST)	EA	31	\$575.00	\$17,825
ROADWAY SUBTOTAL =					\$616,692

SIGNING & PAVEMENT MARKING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
700-20-11	SINGLE POST SIGN, (F&I) (LESS THAN 12 SF)	AS	23	\$475.00	\$10,925
711-11-121	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	LF	2,860	\$1.50	\$4,290
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24")	LF	113	\$4.00	\$452
711-11-160	THERMOPLASTIC (STANDARD) (WHITE) (MESSAGE)	EA	31	\$300.00	\$9,300
711-11-221	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	LF	300	\$3.00	\$900
SIGNING & PAVMT MARKING SUBTOTAL =					\$25,867
LANDSCAPE PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
519-78	STREET BOLLARD	EA	4	\$225.00	\$900
519-78A	BIKE BOLLARD	EA	3	\$200.00	\$600
570-1-2	PERFORMANCE TURF (SOD) (COMMON BERMUDA)	SY	307	\$5.00	\$1,535
570-1-2A	MULCH	CY	19.6	\$45.00	\$882
570-1-2B	TOPSOIL	CY	177.3	\$15.00	\$2,660
580-1-1A	LANDSCAPE COMPLETE (SMALL SHRUBS)	EA	1,721	\$10.00	\$17,210
580-1-1B	LANDSCAPE COMPLETE (SMALL/MEDIUM PLANTS)	EA	17	\$350.00	\$5,950
580-1-2	LANDSCAPE COMPLETE (LARGE PLANTS)	EA	2	\$500.00	\$1,000
721-74-1	TRASH RECEPTACLE	EA	2	\$500.00	\$1,000
721-75-1	BENCHES	EA	2	\$2,500.00	\$5,000
721-77	BIKE RACK	EA	3	\$750.00	\$2,250
LANDSCAPE SUBTOTAL =					\$38,987
LIGHTING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
715-2-11	CONDUIT (PVC SCHEDULE 40-2") UNDERGROUND	LF	1,073	\$15.00	\$16,095
715-4-300A	LIGHT POLE COMPLETE (FURNISH & INSTALL)	EA	20	\$6,500.00	\$130,000
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA	1	\$7,500.00	\$7,500
715-14-11	PULL BOX (CONCRETE) (ROADSIDE)	EA	19	\$75.00	\$1,425
LIGHTING SUBTOTAL =					\$155,020
ALTERNATE BID ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
526-1-2B	ASPHALTIC CONCRETE CROSSWALKS	SY	160	(\$60.00)	-\$9,600
ALTERNATE BID SUBTOTAL =					(\$9,600)
GRAND TOTAL =					\$836,566
CONTINGENCY = 10%					\$83,657
PROJECT TOTAL =					\$920,223

Pay Item Footnote:

1. Opinion of probable cost (OPC) is based upon 100% construction plans dated February 2011.



PROJECT: Bahama Village/Truman Waterfront Connectivity Projects

PROJECT #: 144481000

CLIENT: City of Key West

Monday, February 28, 2011

VIRGINIA STREET - OPINION OF PROBABLE CONSTRUCTION COSTS

Roadway, Drainage, Landscape, Hardscape, and Roadway Lighting

"The Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to the Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinion of probable costs."

ROADWAY PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
101-1	MOBILIZATION	LS	1	\$60,000.00	\$60,000
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$40,000.00	\$40,000
104-10-3	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS	1	\$30,000.00	\$30,000
108-1	AS-BUILTS	LS	1	\$12,000.00	\$12,000
110-1-1	CLEARING & GRUBBING	LS	1	\$35,000.00	\$35,000
110-1-1A	CLEARING & GRUBBING (SELECT)	LS	1	\$20,000.00	\$20,000
120-1	REGULAR EXCAVATION	CY	2,247	\$8.00	\$17,976
120-6	EMBANKMENT	CY	29	\$15.00	\$435
160-4	TYPE "B" STABILIZATION	SY	4,697	\$2.50	\$11,743
210-4	CEMENTED COQUINA BASE (NEW MATERIAL ASSOC. W/PAVEMENT RESTORATION)	CY	13	\$15.00	\$195
285-704	CEMENTED COQUINA BASE (LBR 100) (5")	SY	35.1	\$17.50	\$614
285-709	CEMENTED COQUINA BASE (LBR 100) (10")	SY	3,672	\$25.00	\$91,800
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	402	\$175.00	\$70,350
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, RUBBER)	TN	298.3	\$200.00	\$59,660
425-1-201	INLETS (CURB) (TYPE P-9) (<10')	EA	20	\$3,000.00	\$60,000
425-1-203	INLETS (CURB) (TYPE J-9) (<10')	EA	2	\$3,500.00	\$7,000
425-1-211	INLETS (CURB) (TYPE P-10) (<10')	EA	4	\$4,000.00	\$16,000
425-2-61	MANHOLES (P-8) (<10')	EA	5	\$2,100.00	\$10,500
425-2-91	MANHOLES (J-8) (<10')	EA	1	\$3,000.00	\$3,000
425-5-1	MANHOLE - ADJUST (UTILITIES)	EA	8	\$600.00	\$4,800
425-6	VALVE BOX - ADJUST	EA	12	\$300.00	\$3,600
425-11	DRAINAGE STRUCTURES (MODIFY)	EA	2	\$1,500.00	\$3,000
430-174-118	CONC. PIPE CULVERT (18" SD)	LF	312	\$80.00	\$24,960
430-174-124	CONC. PIPE CULVERT (24" SD)	LF	634	\$90.00	\$57,060
430-174-215	CONC. PIPE CULVERT (12"X18"SD)	LF	487	\$80.00	\$38,960
520-1-8	CONCRETE CURB & GUTTER (TYPE F MODIFIED)	LF	2,835	\$25.00	\$70,875
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	125	\$30.00	\$3,750
520-2-4	CONCRETE CURB (TYPE D)	LF	79	\$25.00	\$1,975
520-3	VALLEY GUTTER (CONCRETE) (MODIFIED)	LF	63	\$20.00	\$1,260
520-2-9	CONCRETE CURB (HEADER) (12")	LF	505	\$15.00	\$7,575
522-1	CONCRETE SIDEWALK, 4" THICK	SY	1,675	\$60.00	\$100,500
522-2	CONCRETE SIDEWALK, 6" THICK	SY	624.3	\$70.00	\$43,701
526-1-2	ARCHITECTURAL PAVERS (ROADWAY)	SY	196	\$95.00	\$18,620
1050-12-220	UTILITY PIPE RELOCATE (PVC) (6") (WATER)	LF	90	\$95.00	\$8,550
1080-15	METER BOX (ADJUST)	EA	32	\$575.00	\$18,400
1644-800	FIRE HYDRANT (RELOCATE)	EA	2	\$2,400.00	\$4,800
ROADWAY SUBTOTAL =					\$958,659

SIGNING & PAVEMENT MARKING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
700-20-11	SINGLE POST SIGN, (F&I) (LESS THAN 12 SF)	AS	23	\$475.00	\$10,925
700-20-11A	BUS STOP WAYFINDING SIGN	AS	1	\$1,200.00	\$1,200
711-11-121	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	LF	3,343	\$1.50	\$5,015
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24")	LF	127	\$4.00	\$508
711-11-160	THERMOPLASTIC (STANDARD) (WHITE) (MESSAGE)	EA	49	\$300.00	\$14,700
711-11-221	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	LF	1,068	\$3.00	\$3,204
711-11-421	THERMOPLASTIC (STANDARD) (BLUE) (SOLID) (6")	LF	98	\$1.50	\$147
SIGNING & PAVMT MARKING SUBTOTAL =					\$35,699
LANDSCAPE PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
519-78	STREET BOLLARD	EA	6	\$225.00	\$1,350
519-78A	BIKE BOLLARD	EA	3	\$200.00	\$600
570-1-2	PERFORMANCE TURF (SOD) (COMMON BERMUDA)	SY	441	\$5.00	\$2,205
570-1-2A	MULCH	CY	107.5	\$45.00	\$4,838
570-1-2B	TOPSOIL	CY	968.8	\$15.00	\$14,532
580-1-1A	LANDSCAPE COMPLETE (SMALL SHRUBS)	EA	10,026	\$10.00	\$100,260
580-1-1B	LANDSCAPE COMPLETE (SMALL/MEDIUM PLANTS)	EA	35	\$350.00	\$12,250
721-74-1	TRASH RECEPTACLE	EA	3	\$500.00	\$1,500
721-75-1	BENCHES	EA	3	\$2,500.00	\$7,500
721-77	BIKE RACK	EA	3	\$750.00	\$2,250
LANDSCAPE SUBTOTAL =					\$147,285
LIGHTING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
715-2-11	CONDUIT (PVC SCHEDULE 40-2") UNDERGROUND	LF	2,488	\$15.00	\$37,320
715-4-300A	LIGHT POLE COMPLETE (FURNISH & INSTALL)	EA	36	\$6,500.00	\$234,000
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA	1	\$7,500.00	\$7,500
715-14-11	PULL BOX (CONCRETE) (ROADSIDE)	EA	38	\$75.00	\$2,850
LIGHTING SUBTOTAL =					\$281,670
ALTERNATE BID ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
526-1-2B	ASPHALTIC CONCRETE CROSSWALKS	SY	196	(\$60.00)	-\$11,760
ALTERNATE BID SUBTOTAL =					(\$11,760)
GRAND TOTAL =					\$1,423,312
CONTINGENCY = 10%					\$142,331
PROJECT TOTAL =					\$1,565,643

Pay Item Footnote:

1. Opinion of probable cost (OPC) is based upon 100% construction plans dated February 2011.



PROJECT: Bahama Village/Truman Waterfront Connectivity Projects

PROJECT #: 144481000

CLIENT: City of Key West

Monday, February 28, 2011

AMELIA STREET - OPINION OF PROBABLE CONSTRUCTION COSTS

Roadway, Drainage, Landscape, Hardscape, and Roadway Lighting

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ROADWAY PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
101-1	MOBILIZATION	LS	1	\$50,000.00	\$50,000
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$35,000.00	\$35,000
104-10-3	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS	1	\$25,000.00	\$25,000
108-1	AS-BUILTS	LS	1	\$15,000.00	\$15,000
110-1-1	CLEARING & GRUBBING	LS	1	\$35,000.00	\$35,000
110-1-1A	CLEARING & GRUBBING (SELECT)	LS	1	\$20,000.00	\$20,000
120-1	REGULAR EXCAVATION	CY	1,926	\$8.00	\$15,408
120-6	EMBANKMENT	CY	41	\$15.00	\$615
160-4	TYPE "B" STABILIZATION	SY	4,328	\$2.50	\$10,820
285-709	CEMENTED COQUINA BASE (LBR 100) (10")	SY	3,374	\$25.00	\$84,350
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	365.2	\$175.00	\$63,910
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, RUBBER)	TN	274	\$200.00	\$54,800
425-1-201	INLETS (CURB) (TYPE P-9) (<10')	EA	23	\$3,000.00	\$69,000
425-1-203	INLETS (CURB) (TYPE J-9) (<10')	EA	2	\$3,500.00	\$7,000
425-1-711	INLETS (GUTTER) (TYPE V) (<10')	EA	1	\$2,000.00	\$2,000
425-2-61	MANHOLES (P-8) (<10')	EA	1	\$2,100.00	\$2,100
425-2-63	MANHOLES (P-8) (PARTIAL)	EA	1	\$2,100.00	\$2,100
425-2-91	MANHOLES (J-8) (<10')	EA	7	\$3,000.00	\$21,000
425-5-1	MANHOLE - ADJUST (UTILITIES)	EA	8	\$600.00	\$4,800
425-6	VALVE BOX - ADJUST	EA	13	\$300.00	\$3,900
430-174-118	CONC. PIPE CULVERT (18" SD)	LF	724	\$80.00	\$57,920
430-174-124	CONC. PIPE CULVERT (24" SD)	LF	405	\$90.00	\$36,450
520-1-8	CONCRETE CURB & GUTTER (TYPE F MODIFIED)	LF	1,733	\$25.00	\$43,325
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	1,635	\$30.00	\$49,050
520-2-4	CONCRETE CURB (TYPE D)	LF	33	\$25.00	\$825
520-2-9	CONCRETE CURB (HEADER) (12")	LF	411	\$15.00	\$6,165
520-2-9A	CONCRETE CURB (HEADER) (24")	LF	32.5	\$15.00	\$488
522-1	CONCRETE SIDEWALK, 4" THICK	SY	1,321	\$60.00	\$79,260
522-2	CONCRETE SIDEWALK, 6" THICK	SY	211.5	\$70.00	\$14,805
526-1-2	ARCHITECTURAL PAVERS (ROADWAY)	SY	162	\$95.00	\$15,390
526-1-2A	ARCHITECTURAL PAVERS (REMOVE AND RESET)	SY	98	\$125.00	\$12,250
550-10-251	FENCING (TYPE B) (8.1' - 10.0') (WITH BARBED WIRE ATTACHMENT)	LF	12	\$200.00	\$2,400
1050-12-220	UTILITY PIPE RELOCATE (PVC) (6") (WATER)	LF	150	\$95.00	\$14,250
1080-15	METER BOX (ADJUST)	EA	33	\$575.00	\$18,975
1644-800	FIRE HYDRANT (RELOCATE)	EA	1	\$2,400.00	\$2,400
ROADWAY SUBTOTAL =					\$875,756

SIGNING & PAVEMENT MARKING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
700-20-11	SINGLE POST SIGN, (F&I) (LESS THAN 12 SF)	AS	27	\$475.00	\$12,825
700-20-11A	BUS STOP WAYFINDING SIGN	AS	2	\$1,200.00	
711-11-121	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	LF	3,478	\$1.50	\$5,217
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24")	LF	113	\$4.00	\$452
711-11-160	THERMOPLASTIC (STANDARD) (WHITE) (MESSAGE)	EA	52	\$300.00	\$15,600
711-11-221	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	LF	286	\$3.00	\$858
SIGNING & PAVMT MARKING SUBTOTAL =					\$34,952
LANDSCAPE PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
519-78	STREET BOLLARD	EA	6	\$225.00	\$1,350
519-78A	BIKE BOLLARD	EA	3	\$200.00	\$600
570-1-2	PERFORMANCE TURF (SOD) (COMMON BERMUDA)	SY	529.3	\$5.00	\$2,647
570-1-2A	MULCH	CY	74.1	\$45.00	\$3,335
570-1-2B	TOPSOIL	CY	667.4	\$15.00	\$10,011
580-1-1A	LANDSCAPE COMPLETE (SMALL SHRUBS)	EA	6,948	\$10.00	\$69,480
580-1-1B	LANDSCAPE COMPLETE (SMALL/MEDIUM PLANTS)	EA	46	\$350.00	\$16,100
580-1-2	LANDSCAPE COMPLETE (LARGE PLANTS)	EA	2	\$500.00	\$1,000
721-74-1	TRASH RECEPTACLE	EA	2	\$500.00	\$1,000
721-75-1	BENCHES	EA	2	\$2,500.00	\$5,000
721-77	BIKE RACK	EA	3	\$750.00	\$2,250
LANDSCAPE SUBTOTAL =					\$112,772
LIGHTING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
715-2-11	CONDUIT (PVC SCHEDULE 40-2") UNDERGROUND	LF	2,240	\$15.00	\$33,600
715-4-300A	LIGHT POLE COMPLETE (FURNISH & INSTALL)	EA	29	\$6,500.00	\$188,500
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA	1	\$7,500.00	\$7,500
715-14-11	PULL BOX (CONCRETE) (ROADSIDE)	EA	31	\$75.00	\$2,325
LIGHTING SUBTOTAL =					\$231,925
ALTERNATE BID ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
526-1-2B	ASPHALTIC CONCRETE CROSSWALKS	SY	162	(\$60.00)	-\$9,720
ALTERNATE BID SUBTOTAL =					(\$9,720)
GRAND TOTAL =					\$1,255,405
CONTINGENCY = 10%					\$125,540
PROJECT TOTAL =					\$1,380,945

Pay Item Footnote:

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PROJECT: Bahama Village/Truman Waterfront Connectivity Projects

PROJECT #: 144481000

CLIENT: City of Key West

Monday, February 28, 2011

FORT STREET - OPINION OF PROBABLE CONSTRUCTION COSTS

Roadway, Drainage, Landscape, Hardscape, and Roadway Lighting

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ROADWAY PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
101-1	MOBILIZATION	LS	1	\$50,000.00	\$50,000
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$25,000.00	\$25,000
104-10-3	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS	1	\$20,000.00	\$20,000
108-1	AS-BUILTS	LS	1	\$10,000.00	\$10,000
110-1-1	CLEARING & GRUBBING	LS	1	\$35,000.00	\$35,000
110-1-1A	CLEARING & GRUBBING (SELECT)	LS	1	\$10,000.00	\$10,000
120-1	REGULAR EXCAVATION	CY	1,747	\$8.00	\$13,976
120-6	EMBANKMENT	CY	27	\$15.00	\$405
160-4	TYPE "B" STABILIZATION	SY	4,652	\$2.50	\$11,630
285-704	CEMENTED COQUINA BASE (LBR 100) (5")	SY	21.7	\$17.50	\$380
285-709	CEMENTED COQUINA BASE (LBR 100) (10")	SY	3,840	\$25.00	\$96,000
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	412.4	\$175.00	\$72,170
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, RUBBER)	TN	308	\$200.00	\$61,600
425-1-201	INLETS (CURB) (TYPE P-9) (<10')	EA	6	\$3,000.00	\$18,000
425-1-203	INLETS (CURB) (TYPE J-9) (<10')	EA	2	\$3,500.00	\$7,000
425-1-711	INLETS (GUTTER) (TYPE V) (<10')	EA	1	\$2,000.00	\$2,000
425-2-61	MANHOLES (P-8) (<10')	EA	3	\$2,100.00	\$6,300
425-2-63	MANHOLES (P-8) (PARTIAL)	EA	2	\$2,100.00	\$4,200
425-2-71	MANHOLES (J-7) (<10')	EA	1	\$4,500.00	\$4,500
425-5-1	MANHOLE - ADJUST (UTILITIES)	EA	7	\$600.00	\$4,200
425-6	VALVE BOX - ADJUST	EA	12	\$300.00	\$3,600
430-174-118	CONC. PIPE CULVERT (18" SD)	LF	3	\$80.00	\$240
430-174-124	CONC. PIPE CULVERT (24" SD)	LF	275	\$90.00	\$24,750
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	2,645	\$30.00	\$79,350
520-2-4	CONCRETE CURB (TYPE D)	LF	331	\$25.00	\$8,275
520-2-9	CONCRETE CURB (HEADER) (12")	LF	373	\$15.00	\$5,595
522-1	CONCRETE SIDEWALK, 4" THICK	SY	1,532	\$60.00	\$91,920
522-2	CONCRETE SIDEWALK, 6" THICK	SY	86.4	\$70.00	\$6,048
526-1-2	ARCHITECTURAL PAVERS (ROADWAY)	SY	121	\$95.00	\$11,495
550-10-220	FENCING (TYPE B) (5.1' - 6.0') (STANDARD)	LF	200.5	\$10.00	\$2,005
550-60-226A	FENCE GATE (TYPE B) (DOUBLE) (24.1' - 30.0') (OPENING) (RELOCATE)	EA	1	\$500.00	\$500
1080-15	METER BOX (ADJUST)	EA	30	\$575.00	\$17,250
ROADWAY SUBTOTAL =					\$703,389

SIGNING & PAVEMENT MARKING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
700-20-11	SINGLE POST SIGN, (F&I) (LESS THAN 12 SF)	AS	32	\$475.00	\$15,200
700-20-11C	VEHICULAR WAYFINDING SIGN (SINGLE POST)	AS	2	\$6,000.00	\$12,000
711-11-121	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	LF	3,885	\$1.50	\$5,828
711-11-124	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (18")	LF	49	\$3.00	\$147
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24")	LF	47	\$4.00	\$188
711-11-141	THERMOPLASTIC (STANDARD) (WHITE) (SKIP) (2'-4') (6")	LF	51	\$1.00	\$51
711-11-160	THERMOPLASTIC (STANDARD) (WHITE) (MESSAGE)	EA	24	\$300.00	\$7,200
711-11-180	THERMOPLASTIC (STANDARD) (WHITE) (YIELD LINE)	LF	10	\$1.50	\$15
711-11-221	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	LF	738	\$3.00	\$2,214
711-11-421	THERMOPLASTIC (STANDARD) (BLUE) (SOLID) (6")	LF	128	\$1.50	\$192
SIGNING & PAVMT MARKING SUBTOTAL =					\$43,035
LANDSCAPE PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
519-78	STREET BOLLARD	EA	6	\$225.00	\$1,350
519-78A	BIKE BOLLARD	EA	3	\$200.00	\$600
570-1-2	PERFORMANCE TURF (SOD) (COMMON BERMUDA)	SY	534	\$5.00	\$2,670
570-1-2A	MULCH	CY	15.6	\$45.00	\$702
570-1-2B	TOPSOIL	CY	139.0	\$15.00	\$2,085
580-1-1A	LANDSCAPE COMPLETE (SMALL SHRUBS)	EA	1,436	\$10.00	\$14,360
580-1-1B	LANDSCAPE COMPLETE (SMALL/MEDIUM PLANTS)	EA	5	\$350.00	\$1,750
580-1-2	LANDSCAPE COMPLETE (LARGE PLANTS)	EA	5	\$500.00	\$2,500
721-74-1	TRASH RECEPTACLE	EA	3	\$500.00	\$1,500
721-75-1	BENCHES	EA	4	\$2,500.00	\$10,000
721-77	BIKE RACK	EA	3	\$750.00	\$2,250
LANDSCAPE SUBTOTAL =					\$39,767
LIGHTING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
715-2-11	CONDUIT (PVC SCHEDULE 40-2") UNDERGROUND	LF	2,632	\$15.00	\$39,480
715-4-300A	LIGHT POLE COMPLETE (FURNISH & INSTALL)	EA	48	\$6,500.00	\$312,000
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA	1	\$7,500.00	\$7,500
715-14-11	PULL BOX (CONCRETE) (ROADSIDE)	EA	51	\$75.00	\$3,825
LIGHTING SUBTOTAL =					\$362,805
ALTERNATE BID ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
526-1-2B	ASPHALTIC CONCRETE CROSSWALKS	SY	121	(\$60.00)	-\$7,260
ALTERNATE BID SUBTOTAL =					(\$7,260)
GRAND TOTAL =					\$1,148,995
CONTINGENCY = 10%					\$114,900
PROJECT TOTAL =					\$1,263,895

Pay Item Footnote:

1. Opinion of probable cost (OPC) is based upon 100% construction plans dated February 2011.



PROJECT: Bahama Village/Truman Waterfront Connectivity Projects

PROJECT #: 144481000

CLIENT: City of Key West

Monday, February 28, 2011

GERALDINE STREET - OPINION OF PROBABLE CONSTRUCTION COSTS

Roadway, Drainage, Landscape, Hardscape, and Roadway Lighting

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ROADWAY PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
101-1	MOBILIZATION	LS	1	\$10,000.00	\$10,000
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$7,500.00	\$7,500
104-10-3	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS	1	\$5,000.00	\$5,000
108-1	AS-BUILTS	LS	1	\$3,000.00	\$3,000
110-1-1	CLEARING & GRUBBING	LS	1	\$12,000.00	\$12,000
110-1-1A	CLEARING & GRUBBING (SELECT)	LS	1	\$5,000.00	\$5,000
120-1	REGULAR EXCAVATION	CY	364	\$8.00	\$2,912
160-4	TYPE "B" STABILIZATION	SY	815	\$2.50	\$2,038
285-709	CEMENTED COQUINA BASE (LBR 100) (10")	SY	600	\$25.00	\$15,000
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	65	\$175.00	\$11,375
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, RUBBER)	TN	49	\$200.00	\$9,800
425-5-1	MANHOLE - ADJUST (UTILITIES)	EA	2	\$600.00	\$1,200
425-6	VALVE BOX - ADJUST	EA	10	\$300.00	\$3,000
520-1-8	CONCRETE CURB & GUTTER (TYPE F MODIFIED)	LF	432	\$25.00	\$10,800
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	69	\$30.00	\$2,070
520-2-4	CONCRETE CURB (TYPE D)	LF	246	\$25.00	\$6,150
520-3	VALLEY GUTTER (CONCRETE)	LF	229	\$20.00	\$4,580
520-2-9	CONCRETE CURB (HEADER) (12")	LF	26	\$15.00	\$396
522-1	CONCRETE SIDEWALK, 4" THICK	SY	273	\$60.00	\$16,380
522-2	CONCRETE SIDEWALK, 6" THICK	SY	10.5	\$70.00	\$735
526-1-2	ARCHITECTURAL PAVERS (ROADWAY)	SY	11	\$95.00	\$1,045
1080-15	METER BOX (ADJUST)	EA	12	\$575.00	\$6,900
ROADWAY SUBTOTAL =					\$136,881
SIGNING & PAVEMENT MARKING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
700-20-11	SINGLE POST SIGN, (F&I) (LESS THAN 12 SF)	AS	7	\$475.00	\$3,325
711-11-121	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	LF	776	\$1.50	\$1,164
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24")	LF	12	\$4.00	\$48
711-11-160	THERMOPLASTIC (STANDARD) (WHITE) (MESSAGE)	EA	13	\$300.00	\$3,900
711-11-170	THERMOPLASTIC (STANDARD) (WHITE) (ARROWS)	EA	2	\$550.00	\$1,100
SIGNING & PAVMT MARKING SUBTOTAL =					\$9,537

LANDSCAPE PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
519-78	STREET BOLLARD	EA	2	\$225.00	\$450
519-78A	BIKE BOLLARD	EA	1	\$200.00	\$200
570-1-2	PERFORMANCE TURF (SOD) (COMMON BERMUDA)	SY	87	\$5.00	\$435
570-1-2A	MULCH	CY	17	\$45.00	\$765
570-1-2B	TOPSOIL	CY	153.3	\$15.00	\$2,300
580-1-1	LANDSCAPE COMPLETE (SMALL SHRUBS)	EA	820	\$10.00	\$8,200
580-1-1	LANDSCAPE COMPLETE (SMALL/MEDIUM PLANTS)	EA	7	\$350.00	\$2,450
721-74-1	TRASH RECEPTACLE	EA	1	\$500.00	\$500
721-75-1	BENCHES	EA	1	\$2,500.00	\$2,500
721-77	BIKE RACK	EA	1	\$750.00	\$750
LANDSCAPE SUBTOTAL =					\$18,550
LIGHTING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
715-2-11	CONDUIT (PVC SCHEDULE 40-2") UNDERGROUND	LF	335	\$15.00	\$5,025
715-4-300A	LIGHT POLE COMPLETE (FURNISH & INSTALL)	EA	7	\$6,500.00	\$45,500
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA	1	\$7,500.00	\$7,500
715-14-11	PULL BOX (CONCRETE) (ROADSIDE)	EA	7	\$75.00	\$525
LIGHTING SUBTOTAL =					\$58,550
ALTERNATE BID ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
526-1-2B	ASPHALTIC CONCRETE CROSSWALKS	SY	11	(\$60.00)	-\$660
ALTERNATE BID SUBTOTAL =					(\$660)
GRAND TOTAL =					\$223,517
CONTINGENCY =				10%	\$22,352
PROJECT TOTAL =					\$245,869

Pay Item Footnote:

1. Opinion of probable cost (OPC) is based upon 100% construction plans dated February 2011.