

MANATEE COUNTY GOVERNMENT SOURCE SELECTION

SUBJECT	Authorization to Award IFB #12-1241-OV, Cortez Road (SR684) at 59 th Street West, Installation of Mast Arm Signals (FM#425532-1-58-01)	DATE POSTED	Date Posted on Mymanatee.org <u>7/25/12</u> <i>ML</i>
PURCHASING REPRESENTATIVE	Olga Valcich (749-3055)	DATE CONTRACT SHALL BE AWARDED	Contingent upon the receipt and acceptance of the performance and payment bonds and certificate of insurance
DEPARTMENT	Financial Management Dept., Purchasing Division	CONSEQUENCES IF DEFERRED	NA <i>Melissa W. Wendel - for</i>
SOURCE RECOMMENDATION	Florida Safety Contractors, Inc., Tampa, FL	AUTHORIZED BY DATE	Melissa Wendel, CPFO, Purchasing Official Date: <u>7/24/2012</u>

ACTION DESIRED

Authorization to award Invitation for Bid #12-1241-OV, Cortez Road (SR 684) at 59th Street West, Installation of Mast Arm Signals, to the lowest, responsive and responsible bidder, Florida Safety Contractors, Inc. located at P.O. Box 16628, Tampa, FL for a total base bid of \$211,391.27 (Option "B" 180 calendar day completion time) and subsequent execution of contract and simultaneous dating of the Performance and Payment Bonds and receipt of insurance certificate.

ENABLING/REGULATING AUTHORITY

Federal/State law(s), administrative ruling(s), Manatee County Comp Plan/Land Development Code, ordinances, resolutions, policy.)

Manatee County Code of Law

BACKGROUND/DISCUSSION

- The work included in this contract consists of the Removal of all Existing Signal and Equipment and replacing the existing Signal with a Mast Arm Signal and the Installation of New Signal Equipment. The work shall be in accordance with Florida Department of Transportation Standard (FDOT), Articles and Sub articles of the General Requirements and Covenants Division (Division I) and all of the Construction Details and Materials Divisions (Division II and III) of the 2010 Edition of the Florida Department of Transportation Standard Specifications for Road and Bridge Construction, current edition, unless otherwise noted and Supplemental Specifications insofar as the same may apply.
- The Contractor shall furnish all shop drawings, working drawings, labor, materials, equipment, tools, services and incidentals necessary to complete all work required by these Specifications, the current Manatee County Public Works Utility Standards, and as shown on the Contract Drawings, including Addenda 1 and 2.
- Background/discussion continued on page 2.

SUMMARY

Recommend the award of IFB #12-1241-OV, Cortez Road (SR684) at 59th Street West, Installation of Mast Arm Signals to Florida Safety Contractors, Inc., Tampa, FL.

ATTACHMENTS: (List in order as attached)

- Tabulation dated 6/27/2012

LIMITED COMPETITION NUMBER:

COST \$211,390.97

SOURCE (ACCT# & NAME)

Funding verified: Yes, |

		Acct #3416076960
COMMENTS	NA	

- 05/15/2012 through 06/12/2012 appropriate bid procedures were followed. Notice of Bid availability was broadcast via Onvia DemandStar, Mymanatee.org and the Chamber of Commerce. A total of 559 suppliers were notified and twenty (20) planholders obtained copies of this bid. Four (4) firms were from Manatee County, four (4) firms were from Hillsborough County, nine (9) firms were from within the State of Florida and three (3) firms were from outside the State of Florida.
- Four (4) bids were received from the following firms: Bids are presented in ascending order.

<u>Contractor</u>	<u>Bid "A"</u> (Based on 120 Calendar Days)	<u>Bid "B"</u> (Based on 180 Calendar Days)
Florida Safety Contractors, Inc. Tampa, FL (Hillsborough County)	\$217,470.73	\$211,390.97
Traffic Control Devices, Altamonte Springs, FL (Seminole County)	\$221,079.00	\$221,079.00
American Lighting and Signalization, Inc. Dover, FL (Hillsborough County)	\$232,382.00	\$221,382.00
Road Runner Highway Signs, Inc. Bradenton, FL (Manatee County)	\$246,127.73	\$246,127.73

- 07/02/2012 – Florida Department of Transportation (FDOT) recommendation and approval to move forward with the award to Florida Safety Contractors, Inc.
- 07/10/2012 – Recommendation dated July 6, 2012 from Project Management recommending award to Florida Safety Contractors, Inc., Tampa, FL to the lowest, responsive, responsible bidder for a total **base bid of \$211,390.97 for Bid "A" based on a 180 calendar day completion time period**

PROJECT BID TABULATIONS - SUBCONTRACTOR PERCENTAGES
MANATEE COUNTY
CORTEZ ROAD (SR 684) AT 59TH STREET WEST / INTERSECTION IMPROVEMENT
LAP AGREEMENT # 425532-1-58-01
COUNTY PROJECT NO. 6076960; 1FB12-1241-0V
Bid Tabulation "A" (120 Calendar Days)

ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	Florida Safety Contractors		Traffic Control Devices		American Lighting & Signalization		Road Runner Highway Signs		
			WORK BY SUBCONTRACTOR	DESCRIPTION OF WORK BY SUBCONTRACTOR	WORK BY SUBCONTRACTOR	DESCRIPTION OF WORK BY SUBCONTRACTOR	WORK BY SUBCONTRACTOR	DESCRIPTION OF WORK BY SUBCONTRACTOR	WORK BY SUBCONTRACTOR	DESCRIPTION OF WORK BY SUBCONTRACTOR	
			%	MBE / WBE	%	MBE / WBE	%	MBE / WBE	%	MBE / WBE	
1	101-1	MOBILIZATION	0%		6.4%	No	18%		0.0110%	N/A	Mobilization
2	102-1	MAINTENANCE OF TRAFFIC	0%	TBD	54%	No	66%	Mobilization MOT items, police officers	0.009%	N/A	MOT
3	110-1-1	DELETE CLEARING AND GRUBBING	N/A		N/A	QC	N/A		N/A		
4	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	0%		0%		100%		0.009%	N/A	Rem. Conc.
5	520-1-10	CONCRETE CURB & GUTTER, TYPE F	0%		0%		100%		0.0110%	N/A	Curb & Gutter
6	522-2	6" CONCRETE SIDEWALK	0%		0%		100%		0.020%	N/A	Sidewalk
7	555-1-2	DIRECTIONAL BORE (6" TO <12")	0%		100%	Directional Bore	100%		0.000%		
8	630-1-12	CONDUIT (F&I) (UNDERGROUND) (2")	0%		0%		80%	Install conduit	0.000%		
9	632-7	CABLE (SIGNAL) (F&I)	0%		0%		0%		0.000%		
10	635-1-11	PULL AND JUNCTION BOXES (F&I) (PULL BOX)	0%		0%		41%	concrete pad	0.000%		
11	639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)	0%		0%		0%		0.000%		
12	639-2-1	ELECTRICAL SERVICE WIRE (F&I)	0%		0%		0%		0.000%		
13	641-2-12	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-11 POLE)	0%		0%		0%		0.000%		
14	646-1-11	SIGNAL HEAD (F&I) (ALUMINUM PEDESTAL)	0%		0%		0%		0.000%		
15	649-31-202	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (42")	0%		36%	No	37%	Foundation/testing	0.000%		
16	649-31-215	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (46-60")	0%		27%	No	26%	Foundation/testing	0.000%		
17	650-1-311	TRAFFIC SIGNAL (F&I) (3 SECT.) (1-WAY) (LED)	0%		0%	Drill Shaft	0%	Foundation/testing	0.000%		
18	650-1-511	TRAFFIC SIGNAL (F&I) (5 SECT.) (1-WAY) (LED)	0%		0%		0%		0.000%		
19	653-191	WAY(COUNTDOWN)	0%		0%		0%		0.000%		
20	663-74-15	VEHICLE DETECTOR ASSEMBLIES (F&I) (VIDEO)	0%		0%		0%		0.000%		
21	665-13	PEDESTAL DETECTOR (DETECTOR WITH SIGN ONLY)	0%		0%		0%		0.000%		
22	670-5-112	TRAFFIC CONTROLLER ASSEMBLY (F&I) (NEMA)	0%		0%		0%		0.000%		
23	685-106	UNINTERRUPTIBLE POWER SOURCE (UPS)	0%		0%		0%		0.000%		
24	690-10	REMOVE SIGNAL HEAD ASSEMBLY	0%		0%		0%		0.000%		
25	690-20	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	0%		0%		0%		0.000%		
26	690-31	REMOVE SIGNAL PEDESTAL	0%		0%		0%		0.000%		
27	690-33-1	REMOVE POLE (DEED) (DIRECT BURIAL)	0%		0%		0%		0.000%		
28	690-50	REMOVE CONTROLLER ASSEMBLY	0%		0%		0%		0.000%		
29	690-60	REMOVE VEHICLE DETECTOR ASSEMBLY	0%		0%		0%		0.000%		
30	690-70	REMOVE PEDESTRIAN DETECTOR ASSEMBLY	0%		0%		0%		0.000%		
31	690-80	REMOVE SPAN WIRE ASSEMBLY	0%		0%		0%		0.000%		
32	690-90	REMOVE CONDUIT & CABLING	0%		0%		0%		0.000%		


PROJECT BID TABULATIONS
MANATEE COUNTY
CORTEZ ROAD (SR 684) AT 59TH STREET WEST / INTERSECTION IMPROVEMENT
LAP AGREEMENT # 425532-1-58-01
COUNTY PROJECT NO. 6076960; IFB12-1241-OV
Bid Tabulation "A" (120 Calendar Days)


06/25/12


ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	Engineer's Estimate		Florida Safety Contractors		Traffic Control Devices		American Lighting & Signaling		Road Runner Highway Signs	
					UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	101-1	MOBILIZATION	LS	1	\$ 15,000.00	\$ 15,000.00								
2	102-1	MAINTENANCE OF TRAFFIC	LS	1	\$ 15,000.00	\$ 15,000.00	*** 2,115.46	\$ 2,115.46	\$ 12,500.00	\$ 12,500.00	\$ 8,000.00	\$ 8,000.00	\$ 15,638.68	\$ 15,638.68
3	110-1-1	DELETE CLEARING AND GRUBBING	N/A	0	\$ 15,000.00	\$ 15,000.00	14,345.41	\$ 14,345.41	\$ 7,000.00	\$ 7,000.00	\$ 8,000.00	\$ 8,000.00	\$ 4,209.06	\$ 4,209.06
4	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	68	\$ 35.70	\$ 2,427.60								
5	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	97	\$ 43.50	\$ 4,219.50	39.30	\$ 2,672.40	\$ 13.00	\$ 884.00	\$ 33.00	\$ 2,244.00	\$ 33.55	\$ 2,281.40
6	522-2	6" CONCRETE SIDEWALK	SY	125	\$ 53.50	\$ 6,687.50	58.76	\$ 5,699.72	\$ 48.00	\$ 4,656.00	\$ 55.00	\$ 5,335.00	\$ 27.78	\$ 2,694.66
7	555-1-2	DIRECTIONAL BORE (6" TO <12")	LF	230	\$ 21.46	\$ 4,935.80	71.98	\$ 8,997.50	\$ 74.00	\$ 9,250.00	\$ 90.00	\$ 11,250.00	\$ 43.62	\$ 5,452.50
8	630-1-12	CONDUIT (F&I) (UNDERGROUND) (2")	LF	450	\$ 4.50	\$ 2,025.00	24.91	\$ 5,729.30	\$ 32.00	\$ 7,360.00	\$ 22.00	\$ 5,060.00	\$ 22.20	\$ 5,106.00
9	632-7	CABLE (SIGNAL) (F&I)	PI	1	\$ 6,500.00	\$ 6,500.00	5.06	\$ 2,277.00	\$ 4.80	\$ 2,160.00	\$ 4.00	\$ 1,800.00	\$ 48.96	\$ 22,032.00
10	635-1-11	PULL AND JUNCTION BOXES (F&I) (PULL BOX)	EA	11	\$ 296.58	\$ 3,262.38	5,217.39	\$ 5,217.39	\$ 3,900.00	\$ 3,900.00	\$ 3,000.00	\$ 3,000.00	\$ 2,197.51	\$ 2,197.51
11	639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)	AS	1	\$ 1,101.37	\$ 1,101.37	248.07	\$ 2,728.77	\$ 389.00	\$ 4,279.00	\$ 500.00	\$ 5,500.00	\$ 402.60	\$ 4,428.60
12	639-2-1	ELECTRICAL SERVICE WIRE (F&I)	LF	330	\$ 1.54	\$ 508.20	1,212.80	\$ 1,212.80	\$ 1,040.00	\$ 1,040.00	\$ 1,300.00	\$ 1,300.00	\$ 2,117.51	\$ 2,117.51
13	641-2-12	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-II POLE)	EA	1	\$ 1,262.63	\$ 1,262.63	1.70	\$ 561.00	\$ 1.00	\$ 330.00	\$ 1.00	\$ 330.00	\$ 1.54	\$ 508.20
14	646-1-11	SIGNAL HEAD (F&I) (ALUMINUM PEDESTAL)	EA	4	\$ 795.00	\$ 3,180.00	754.59	\$ 754.59	\$ 555.00	\$ 555.00	\$ 700.00	\$ 700.00	\$ 613.28	\$ 613.28
15	649-31-202	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (42)	EA	1	\$ 14,068.95	\$ 14,068.95	760.16	\$ 3,040.64	\$ 880.00	\$ 3,520.00	\$ 700.00	\$ 2,800.00	\$ 675.46	\$ 2,701.84
16	649-31-215	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (46-60)	EA	1	\$ 35,253.55	\$ 35,253.55	17,875.80	\$ 17,875.80	\$ 19,850.00	\$ 19,850.00	\$ 23,000.00	\$ 23,000.00	\$ 19,990.60	\$ 19,990.60
17	650-1-311	TRAFFIC SIGNAL (F&I) (3 SECT.) (1-WAY) (LED)	AS	5	\$ 769.52	\$ 3,847.60	34,254.94	\$ 34,254.94	\$ 35,850.00	\$ 35,850.00	\$ 44,000.00	\$ 44,000.00	\$ 40,676.74	\$ 40,676.74
18	650-1-511	TRAFFIC SIGNAL (F&I) (5 SECT.) (1-WAY) (LED)	AS	2	\$ 1,080.28	\$ 2,160.56	801.58	\$ 4,007.90	\$ 796.00	\$ 3,980.00	\$ 850.00	\$ 4,250.00	\$ 743.11	\$ 3,715.55
19	653-191	WAY(COUNTDOWN)	AS	4	\$ 596.98	\$ 2,387.92	1,323.62	\$ 2,647.24	\$ 1,268.00	\$ 2,536.00	\$ 1,400.00	\$ 2,800.00	\$ 1,245.92	\$ 2,491.84
20	663-74-15	VEHICLE DETECTOR ASSEMBLIES (F&I) (VIDEO)	EA	3	\$ 6,500.00	\$ 19,500.00	528.49	\$ 2,113.96	\$ 516.00	\$ 2,064.00	\$ 500.00	\$ 2,000.00	\$ 481.05	\$ 1,924.20
21	665-13	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)	EA	4	\$ 162.88	\$ 651.52	5,348.61	\$ 16,045.83	\$ 6,530.00	\$ 19,590.00	\$ 7,000.00	\$ 21,000.00	\$ 7,017.38	\$ 21,052.14
22	670-5-112	TRAFFIC CONTROLLER ASSEMBLY (F&I) (NEMA)	AS	1	\$ 24,200.00	\$ 24,200.00	176.15	\$ 704.60	\$ 136.00	\$ 544.00	\$ 140.00	\$ 560.00	\$ 112.14	\$ 448.56
23	685-106	UNINTERRUPTIBLE POWER SOURCE (UPS)	EA	1	\$ 6,500.00	\$ 6,500.00	25,036.07	\$ 25,036.07	\$ 21,910.00	\$ 21,910.00	\$ 22,000.00	\$ 22,000.00	\$ 26,519.66	\$ 26,519.66
24	690-10	REMOVE SIGNAL HEAD ASSEMBLY	EA	7	\$ 60.62	\$ 424.34	6,132.13	\$ 6,132.13	\$ 5,475.00	\$ 5,475.00	\$ 5,500.00	\$ 5,500.00	\$ 6,571.04	\$ 6,571.04
25	690-20	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	EA	4	\$ 38.16	\$ 152.64	39.61	\$ 277.27	\$ 22.00	\$ 154.00	\$ 50.00	\$ 350.00	\$ 20.22	\$ 141.54
26	690-31	REMOVE SIGNAL PEDESTAL	EA	2	\$ 110.78	\$ 221.56	158.45	\$ 158.44	\$ 22.00	\$ 88.00	\$ 46.00	\$ 160.00	\$ 16.18	\$ 64.72
27	690-33-1	REMOVE POLE (DEEB) (DIRECT BURIAL)	LF	40	\$ 180.00	\$ 7,200.00	131.53	\$ 5,261.20	\$ 71.00	\$ 2,840.00	\$ 100.00	\$ 4,000.00	\$ 156.28	\$ 6,251.20
28	690-50	REMOVE CONTROLLER ASSEMBLY	EA	1	\$ 239.89	\$ 239.89	633.82	\$ 633.82	\$ 433.00	\$ 433.00	\$ 200.00	\$ 200.00	\$ 165.09	\$ 165.09
29	690-60	REMOVE VEHICLE DETECTOR ASSEMBLY	EA	8	\$ 33.58	\$ 268.64	39.61	\$ 158.44	\$ 22.00	\$ 88.00	\$ 20.00	\$ 160.00	\$ 4.04	\$ 32.32
30	690-70	REMOVE PEDESTRIAN DETECTOR ASSEMBLY	EA	4	\$ 25.90	\$ 103.60	19.81	\$ 79.24	\$ 22.00	\$ 88.00	\$ 20.00	\$ 80.00	\$ 4.04	\$ 16.16
31	690-80	REMOVE SPAN WIRE ASSEMBLY	EA	1	\$ 300.47	\$ 300.47	118.84	\$ 118.84	\$ 266.00	\$ 266.00	\$ 200.00	\$ 200.00	\$ 177.32	\$ 177.32
32	690-90	REMOVE CONDUIT & CABLING	PI	1	\$ 313.37	\$ 313.37	633.82	\$ 633.82	\$ 222.00	\$ 222.00	\$ 200.00	\$ 200.00	\$ 209.63	\$ 209.63

Bid Tabulation "A" (120 Calendar Days)

ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	Florida Safety Contractors		Traffic Control Devices		American Lighting & Signalization		Road Runner Highway Signs	
			WORK BY SUBCONTRACTOR	DESCRIPTION OF WORK BY SUBCONTRACTOR	WORK BY SUBCONTRACTOR	DESCRIPTION OF WORK BY SUBCONTRACTOR	WORK BY SUBCONTRACTOR	DESCRIPTION OF WORK BY SUBCONTRACTOR	WORK BY SUBCONTRACTOR	DESCRIPTION OF WORK BY SUBCONTRACTOR
33	690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	0%		0%		0%		0.000%	
34	699-1-1	INTERNALLY ILLUMINATED SIGN (F&I) (EDGE LIT LED)	0%		0%		0%		0.000%	
35	700-20-4	SINGLE POST, RELOCATE	0%		0%		0%		0.000%	
36	700-48-18	SIGN PANEL (F&I) (5 OR LESS)	0%		0%		0%		0.000%	
37	711-1-123	THERMOPLASTIC PAVEMENT MARKINGS (12" WHITE)	100%	TBD	100%	No	Striping	100%	0.000%	
38	711-1-125	THERMOPLASTIC PAVEMENT MARKINGS (24" WHITE)	100%	TBD	100%	No	Striping	100%	0.000%	
39	711-1-151	REMOVE THERMOPLASTIC PAVEMENT MARKINGS (SKIP)	100%	TBD	100%	No	Striping	100%	0.000%	
40	711-1-7	REMOVE THERMOPLASTIC PAVEMENT MARKINGS	100%	TBD	100%	No	Striping	100%	0.000%	
41	715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO. 4-2	0%		0%			0%	0.000%	
42	715-1-70	LIGHTING CONDUCTORS, REMOVE, FDOT OWNS	0%		0%			0%	0.000%	
43	715-1-4-11	LIGHTING - PULL BOX (F&I)	0%		0%			0%	0.000%	
44	715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	0%		0%			0%	0.000%	
45	780-1-12	ITS POWER SERVICE WIRE	0%		0%			0%	0.000%	
46	783-1-121	ITS FIBER OPTIC CABLE (F&I)	0%		0%			0%	0.000%	
47	783-2-31	ITS FIBER OPTIC (INSTALL) (SPLICE)	0%		0%			0%	0.000%	
48	783-4-112	ITS CONDUIT (F&I)	0%		0%			0%	0.000%	
49	783-5-1	ITS PULL BOX FOR FIBER OPTIC (F&I)	0%		0%			0%	0.000%	
50	784-1-1	ITS FIELD ETHERNET SWITCH	0%		0%			25%	0.000%	
51	999-25	INITIAL CONTINGENCY AMOUNT	0%		0%			concrete pad	0.000%	

Prepared by Engineer:  6-20-12

Reviewed by Project Manager:  6-27-12

Proofed by Purchasing:  6-27-12

PROJECT BID TABULATIONS
MANATEE COUNTY
CORTEZ ROAD (SR 684) AT 59TH STREET WEST / INTERSECTION IMPROVEMENT
LAP AGREEMENT # 425532-1-58-01
COUNTY PROJECT NO. 6076960; FBI12-1241-OV
Bid Tabulation "B" (180 Calendar Days)

06/25/12

ITEM NO.	PDOT ITEM NUMBER	DESCRIPTION	UNIT	BID QUANTITY	Engineer's Estimate		Florida Safety Contractors		Traffic Control Devices		American Lighting & Signalization		Road Runner Highway Signs	
					UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	101-1	MOBILIZATION	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 2,337.54	\$ 2,337.54	\$ 12,500.00	\$ 12,500.00	\$ 8,000.00	\$ 8,000.00	\$ 15,638.68	\$ 15,638.68
2	102-1	MAINTENANCE OF TRAFFIC	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 13,882.66	\$ 13,882.66	\$ 7,000.00	\$ 7,000.00	\$ 8,000.00	\$ 8,000.00	\$ 4,209.06	\$ 4,209.06
3	110-1-1	DELETE CLEARING AND GRUBBING	N/A	0										
4	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	68	\$ 35.70	\$ 2,427.60	\$ 38.03	\$ 2,586.04	\$ 13.00	\$ 884.00	\$ 33.00	\$ 2,244.00	\$ 33.55	\$ 2,281.40
5	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	97	\$ 43.50	\$ 4,219.50	\$ 56.86	\$ 5,515.42	\$ 48.00	\$ 4,656.00	\$ 55.00	\$ 5,335.00	\$ 27.78	\$ 2,694.66
6	522-2	6" CONCRETE SIDEWALK	SY	125	\$ 53.50	\$ 6,687.50	\$ 69.66	\$ 8,707.50	\$ 74.00	\$ 9,250.00	\$ 90.00	\$ 11,250.00	\$ 43.62	\$ 5,452.50
7	555-1-2	DIRECTIONAL BORE (6" TO <12")	LF	230	\$ 21.46	\$ 4,935.80	\$ 24.11	\$ 5,545.30	\$ 32.00	\$ 7,360.00	\$ 22.00	\$ 5,060.00	\$ 22.20	\$ 5,106.00
8	630-1-12	CONDUIT (F&D) (UNDERGROUND) (2")	LF	450	\$ 4.50	\$ 2,025.00	\$ 4.90	\$ 2,205.00	\$ 4.80	\$ 2,160.00	\$ 4.00	\$ 1,800.00	\$ 48.96	\$ 22,032.00
9	632-7	CABLE (SIGNAL) (F&D)	PL	1	\$ 6,500.00	\$ 6,500.00	\$ 5,049.09	\$ 5,049.09	\$ 3,900.00	\$ 3,900.00	\$ 3,000.00	\$ 3,000.00	\$ 2,197.51	\$ 2,197.51
10	635-1-11	PULL AND JUNCTION BOXES (F&D) (PULL BOX)	EA	11	\$ 296.58	\$ 3,262.38	\$ 240.07	\$ 2,640.77	\$ 389.00	\$ 4,279.00	\$ 500.00	\$ 5,500.00	\$ 402.60	\$ 4,428.60
11	639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)	AS	1	\$ 1,101.37	\$ 1,101.37	\$ 1,173.68	\$ 1,173.68	\$ 1,040.00	\$ 1,040.00	\$ 1,300.00	\$ 1,300.00	\$ 2,117.51	\$ 2,117.51
12	639-2-1	ELECTRICAL SERVICE WIRE (F&D)	LF	330	\$ 1.54	\$ 508.20	\$ 1.64	\$ 541.20	\$ 1.00	\$ 330.00	\$ 1.00	\$ 330.00	\$ 1.54	\$ 508.20
13	641-2-12	PRESTRESSED CONCRETE POLE (F&D) (TYPE P-II POLE)	EA	1	\$ 1,262.63	\$ 1,262.63	\$ 730.25	\$ 730.25	\$ 555.00	\$ 555.00	\$ 709.00	\$ 709.00	\$ 613.28	\$ 613.28
14	646-1-11	SIGNAL HEAD (F&D) (ALUMINUM PEDESTAL)	EA	4	\$ 795.00	\$ 3,180.00	\$ 735.64	\$ 2,942.56	\$ 880.00	\$ 3,520.00	\$ 700.00	\$ 2,800.00	\$ 675.46	\$ 2,701.84
15	649-31-202	STEEL MAST ARM ASSEMBLY (F&D) (130 MPH) (42)	EA	1	\$ 14,068.95	\$ 14,068.95	\$ 17,299.16	\$ 17,299.16	\$ 19,850.00	\$ 19,850.00	\$ 18,000.00	\$ 18,000.00	\$ 19,990.60	\$ 19,990.60
16	649-31-215	STEEL MAST ARM ASSEMBLY (F&D) (130 MPH) (46-60")	EA	1	\$ 35,253.55	\$ 35,253.55	\$ 33,149.64	\$ 33,149.64	\$ 35,850.00	\$ 35,850.00	\$ 38,000.00	\$ 38,000.00	\$ 40,676.74	\$ 40,676.74
17	650-1-311	TRAFFIC SIGNAL (F&D) (3 SECT) (1-WAY) (LED)	AS	5	\$ 769.52	\$ 3,847.60	\$ 775.72	\$ 3,878.60	\$ 796.00	\$ 3,980.00	\$ 850.00	\$ 4,250.00	\$ 743.11	\$ 3,715.55
18	650-1-511	TRAFFIC SIGNAL (F&D) (5 SECT) (1-WAY) (LED)	AS	2	\$ 1,080.28	\$ 2,160.56	\$ 1,280.93	\$ 2,561.86	\$ 1,268.00	\$ 2,536.00	\$ 1,400.00	\$ 2,800.00	\$ 1,245.92	\$ 2,491.84
19	653-191	WAY(COUNTDOWN)	AS	4	\$ 596.98	\$ 2,387.92	\$ 511.44	\$ 2,045.76	\$ 516.00	\$ 2,064.00	\$ 500.00	\$ 2,000.00	\$ 481.05	\$ 1,924.20
20	663-74-15	VEHICLE DETECTOR ASSEMBLIES (F&D) (VIDEO)	EA	3	\$ 6,500.00	\$ 19,500.00	\$ 5,176.08	\$ 15,528.24	\$ 6,530.00	\$ 19,590.00	\$ 7,000.00	\$ 21,000.00	\$ 7,017.38	\$ 21,052.14
21	665-13	PEDESTAL DETECTOR (DETECTOR WITH SIGN ONLY)	EA	4	\$ 162.88	\$ 651.52	\$ 170.47	\$ 681.88	\$ 136.00	\$ 544.00	\$ 140.00	\$ 560.00	\$ 112.14	\$ 448.56
22	670-5-112	TRAFFIC CONTROLLER ASSEMBLY (F&D) (NEMA)	AS	1	\$ 24,200.00	\$ 24,200.00	\$ 24,228.46	\$ 24,228.46	\$ 21,910.00	\$ 21,910.00	\$ 22,000.00	\$ 22,000.00	\$ 26,519.66	\$ 26,519.66
23	685-106	UNINTERRUPTIBLE POWER SOURCE (UPS)	EA	1	\$ 6,500.00	\$ 6,500.00	\$ 5,934.32	\$ 5,934.32	\$ 5,475.00	\$ 5,475.00	\$ 5,500.00	\$ 5,500.00	\$ 6,571.04	\$ 6,571.04
24	690-10	REMOVE SIGNAL HEAD ASSEMBLY	EA	7	\$ 60.62	\$ 424.34	\$ 38.34	\$ 268.38	\$ 22.00	\$ 154.00	\$ 50.00	\$ 350.00	\$ 20.22	\$ 141.54
25	690-20	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	EA	4	\$ 38.16	\$ 152.64	\$ 38.34	\$ 153.36	\$ 22.00	\$ 88.00	\$ 40.00	\$ 160.00	\$ 16.18	\$ 64.72
26	690-31	REMOVE SIGNAL PEDESTAL	EA	2	\$ 110.78	\$ 221.56	\$ 153.34	\$ 306.68	\$ 133.00	\$ 266.00	\$ 200.00	\$ 400.00	\$ 82.55	\$ 165.10
27	690-33-1	REMOVE POLE (DEEP) (DIRECT BURIAL)	LF	40	\$ 180.00	\$ 7,200.00	\$ 127.29	\$ 5,091.60	\$ 71.00	\$ 2,840.00	\$ 100.00	\$ 4,000.00	\$ 156.28	\$ 6,251.20
28	690-50	REMOVE CONTROLLER ASSEMBLY	EA	1	\$ 239.89	\$ 239.89	\$ 613.37	\$ 613.37	\$ 433.00	\$ 433.00	\$ 200.00	\$ 200.00	\$ 165.09	\$ 165.09
29	690-60	REMOVE VEHICLE DETECTOR ASSEMBLY	EA	8	\$ 33.58	\$ 268.64	\$ 38.34	\$ 306.72	\$ 22.00	\$ 176.00	\$ 20.00	\$ 160.00	\$ 4.04	\$ 32.32
30	690-70	REMOVE PEDESTRIAN DETECTOR ASSEMBLY	EA	4	\$ 25.90	\$ 103.60	\$ 19.17	\$ 76.68	\$ 22.00	\$ 88.00	\$ 20.00	\$ 80.00	\$ 4.04	\$ 16.16
31	690-80	REMOVE SPAN WIRE ASSEMBLY	EA	1	\$ 300.47	\$ 300.47	\$ 115.01	\$ 115.01	\$ 266.00	\$ 266.00	\$ 200.00	\$ 200.00	\$ 177.32	\$ 177.32
32	690-90	REMOVE CONDUIT & CABLING	PL	1	\$ 313.37	\$ 313.37	\$ 613.37	\$ 613.37	\$ 222.00	\$ 222.00	\$ 200.00	\$ 200.00	\$ 209.63	\$ 209.63
33	690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	PL	1	\$ 389.12	\$ 389.12	\$ 920.06	\$ 920.06	\$ 275.00	\$ 275.00	\$ 500.00	\$ 500.00	\$ 134.81	\$ 134.81
34	699-1-1	INTERNALLY ILLUMINATED SIGN (F&D) (EDGE LIT LED)	EA	3	\$ 2,400.00	\$ 7,200.00	\$ 2,049.52	\$ 6,148.56	\$ 2,785.00	\$ 8,355.00	\$ 2,500.00	\$ 7,500.00	\$ 3,203.79	\$ 9,611.37

Bid Tabulation "B" (180 Calendar Days)

06/25/12

ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	Engineer's Estimate		Florida Safety Contractors		Traffic Control Devices		American Lighting & Signalization		Road Runner Highway Signs		
			UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	
35	700-20-4	SINGLE POST, RELOCATE	AS	127.15	\$	57.50	\$	118.00	\$	80.00	\$	35.61	\$
36	700-48-18	SIGN PANEL (F&I) (15 OR LESS)	EA	333.32	\$	263.44	\$	454.00	\$	350.00	\$	355.14	\$
37	711-11-123	THERMOPLASTIC PAVEMENT MARKINGS (12" WHITE)	LF	1.90	\$	1,095.00	\$	1,425.00	\$	3.00	\$	1,125.00	\$
38	711-11-125	THERMOPLASTIC PAVEMENT MARKINGS (24" WHITE)	LF	5.35	\$	2,053.35	\$	3,118.50	\$	5.00	\$	2,025.00	\$
39	711-11-151	REMOVE THERMOPLASTIC PAVEMENT MARKINGS (SKIP)	LF	0.82	\$	282.10	\$	178.25	\$	2.00	\$	310.00	\$
40	711-17	REMOVE THERMOPLASTIC PAVEMENT MARKINGS	SF	5.00	\$	2.34	\$	1,864.98	\$	3.50	\$	2,789.50	\$
41	715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO. 4/2	LF	1.43	\$	1.68	\$	554.40	\$	2.50	\$	825.00	\$
42	715-1-70	LIGHTING CONDUCTORS, REMOVE, FDOT OWNS	LF	0.30	\$	0.23	\$	25.30	\$	0.85	\$	93.50	\$
43	715-14-11	LIGHTING - PULL BOX (F&I)	EA	380.00	\$	684.32	\$	828.00	\$	500.00	\$	542.63	\$
44	715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	EA	575.20	\$	345.55	\$	344.00	\$	1,000.00	\$	538.22	\$
45	780-1-12	ITS POWER SERVICE WIRE	LF	1.45	\$	1.03	\$	1.15	\$	1.00	\$	735.00	\$
46	783-1-121	ITS FIBER OPTIC CABLE (F&I)	LF	22.40	\$	8.18	\$	4.20	\$	8.00	\$	2,880.00	\$
47	783-2-31	ITS FIBER OPTIC (INSTALL) (SPLICE)	EA	52.84	\$	262.97	\$	215.00	\$	250.00	\$	1,000.00	\$
48	783-4-112	ITS CONDUIT (F&I)	LF	12.00	\$	4.21	\$	7.50	\$	6.00	\$	660.00	\$
49	783-5-1	ITS PULL BOX FOR FIBER OPTIC (F&I)	EA	928.68	\$	1,313.70	\$	1,325.00	\$	1,000.00	\$	1,033.91	\$
50	784-1-1	ITS FIELD ETHERNET SWITCH	EA	2,078.21	\$	2,542.08	\$	1,817.00	\$	2,300.00	\$	2,392.52	\$
51	999-25	INITIAL CONTINGENCY AMOUNT	LS	20,000.00	\$	20,000.00	\$	20,000.00	\$	20,000.00	\$	20,000.00	\$
TOTAL BID PRICE				\$ 235,002.31		\$ *** 211,390.97		\$ 221,079.00		\$ 221,382.00		\$ 246,127.73	

Mathematical Errors were corrected in accordance with Article A.29 of the Invitation for Bid. See PRICE highlighted with "****".

Bid Form / Subcontractor Percentage		Florida Safety Contractors		Traffic Control Devices		American Lighting & Signalization		Road Runner Highway Signs	
Ack: Addendum #1	Yes	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
Ack: Addendum #2	Yes	\$ 57.50	\$ 57.50	\$ 118.00	\$ 118.00	\$ 80.00	\$ 80.00	\$ 35.61	\$ 35.61
Site Visit	Yes	\$ 263.44	\$ 263.44	\$ 454.00	\$ 454.00	\$ 350.00	\$ 350.00	\$ 355.14	\$ 355.14
The Florida Trench Safety Act	Yes	\$ 2.92	\$ 1,095.00	\$ 1,425.00	\$ 1,425.00	\$ 3.00	\$ 1,125.00	\$ 1.94	\$ 727.50
Contractor's Questionnaire	Yes: 6/10/12	\$ 5.07	\$ 2,053.35	\$ 3,118.50	\$ 3,118.50	\$ 5.00	\$ 2,025.00	\$ 3.67	\$ 1,486.35
License: FDOT Pre-Qualified Contractor	Yes	\$ 1.82	\$ 282.10	\$ 178.25	\$ 178.25	\$ 2.00	\$ 310.00	\$ 0.99	\$ 153.45
Public Contracting and Environmental Crimes Certification	Yes	\$ 2.34	\$ 1,864.98	\$ 2,789.50	\$ 2,789.50	\$ 3.00	\$ 2,391.00	\$ 1.18	\$ 940.46
Bid Bond	Pre-Qualified with FDOT	\$ 1.68	\$ 554.40	\$ 825.00	\$ 825.00	\$ 2.50	\$ 825.00	\$ 3.08	\$ 1,016.40
	Yes	\$ 0.23	\$ 25.30	\$ 93.50	\$ 93.50	\$ 0.20	\$ 22.00	\$ 0.12	\$ 13.20
	Yes	\$ 684.32	\$ 684.32	\$ 828.00	\$ 828.00	\$ 500.00	\$ 500.00	\$ 542.63	\$ 542.63
	Yes	\$ 345.55	\$ 345.55	\$ 344.00	\$ 344.00	\$ 1,000.00	\$ 1,000.00	\$ 538.22	\$ 538.22
	Yes	\$ 1.03	\$ 757.05	\$ 845.25	\$ 845.25	\$ 1.00	\$ 735.00	\$ 1.54	\$ 1,131.90
	Yes	\$ 8.18	\$ 2,944.80	\$ 1,512.00	\$ 1,512.00	\$ 8.00	\$ 2,880.00	\$ 7.70	\$ 2,772.00
	Yes	\$ 262.97	\$ 1,051.88	\$ 860.00	\$ 860.00	\$ 250.00	\$ 1,000.00	\$ 247.50	\$ 990.00
	Yes	\$ 4.21	\$ 463.10	\$ 825.00	\$ 825.00	\$ 6.00	\$ 660.00	\$ 5.67	\$ 623.70
	Yes	\$ 1,313.70	\$ 2,627.40	\$ 2,650.00	\$ 2,650.00	\$ 1,000.00	\$ 2,000.00	\$ 1,033.91	\$ 2,067.82
	Yes	\$ 2,542.08	\$ 2,542.08	\$ 1,817.00	\$ 1,817.00	\$ 2,300.00	\$ 2,300.00	\$ 2,392.52	\$ 2,392.52
	Yes	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
	Yes	\$ ***	\$ 211,390.97	\$	\$ 221,079.00	\$	\$ 221,382.00	\$	\$ 246,127.73

Prepared by Engineer:  6-20-12
 Reviewed by Project Manager:  6-27-12
 Proofed by Purchasing:  6-27-12

PROJECT BID TABULATIONS - SUBCONTRACTOR PERCENTAGES
MANATEE COUNTY
CORTEZ ROAD (SR 684) AT 59TH STREET WEST / INTERSECTION IMPROVEMENT
LAP AGREEMENT # 425532-1-58-01
COUNTY PROJECT NO. 6076960; IFB12-1241-0V
Bid Tabulation "B" (180 Calendar Days)

ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	Florida Safety Contractors		Traffic Control Devices			American Lighting and Signization		Road Runner Highway Signs	
			WORK BY SUBCONTRACTOR %	MBE / WBE	DESCRIPTION OF WORK BY SUBCONTRACTOR	WORK BY SUBCONTRACTOR %	MBE / WBE	DESCRIPTION OF WORK BY SUBCONTRACTOR	WORK BY SUBCONTRACTOR %	MBE / WBE	DESCRIPTION OF WORK BY SUBCONTRACTOR
1	101-1	MOBILIZATION	0%								
2	102-1	MAINTENANCE OF TRAFFIC	0%		No	Striping	18%		0.001%	N/A	Mobilization
3	110-1-1	DELETE CLEARING AND GRUBBING	N/A	TBD	No	QC	66%		0.009%	N/A	
4	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	0%		N/A		N/A		N/A		
5	520-1-10	CONCRETE CURB & GUTTER, TYPE F	0%		0%		100%		0.009%	N/A	Rem. Conc.
6	522-2	6" CONCRETE SIDEWALK	0%		0%		100%		0.010%	N/A	Curb & Gutter
7	555-1-2	DIRECTIONAL BORE (6" TO <12")	0%		0%		100%		0.020%	N/A	Sidewalk
8	630-1-12	CONDUIT (F&D) (UNDERGROUND) (2")	0%		No	Directional Bore	100%		0.000%		
9	632-7	CABLE (SIGNAL) (F&D)	0%		0%		80%		0.000%		Install conduit
10	635-1-11	PULL AND JUNCTION BOXES (F&D) (PULL BOX)	0%		0%		0%		0.000%		
11	639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)	0%		0%		41%		0.000%		concrete pad
12	639-2-1	ELECTRICAL SERVICE WIRE (F&D)	0%		0%		0%		0.000%		
13	641-2-12	PRESTRESSED CONCRETE POLE (F&D) (TYPE P-11 POLE)	0%		0%		0%		0.000%		
14	646-1-11	SIGNAL HEAD (F&D) (ALUMINUM PEDESTAL)	0%		0%		0%		0.000%		
15	649-31-202	STEEL MAST ARM ASSEMBLY (F&D) (130 MPH) (42)	0%		No	Drill Shaft	49%		0.000%		Foundation/Test
16	649-31-215	STEEL MAST ARM ASSEMBLY (F&D) (130 MPH) (46-60)	0%		27%	Drill Shaft	30%		0.000%		Foundation/Test
17	650-1-311	TRAFFIC SIGNAL (F&D) (3 SECT.) (1-WAY) (LED)	0%		0%		0%		0.000%		
18	650-1-511	TRAFFIC SIGNAL (F&D) (5 SECT.) (1-WAY) (LED)	0%		0%		0%		0.000%		
19	653-1-91	(COUNTDOWN)	0%		0%		0%		0.000%		
20	663-74-15	VEHICLE DETECTOR ASSEMBLIES (F&D) (VIDEO)	0%		0%		0%		0.000%		
21	665-1-3	PED. DETECTOR (F&D) (DETECTOR WITH SIGN ONLY)	0%		0%		0%		0.000%		
22	670-5-112	TRAFFIC CONTROLLER ASSEMBLY (F&D) (NEMA)	0%		0%		0%		0.000%		
23	685-1-06	UNINTERRUPTIBLE POWER SOURCE (UPS)	0%		0%		0%		0.000%		
24	690-1-10	REMOVE SIGNAL HEAD ASSEMBLY	0%		0%		0%		0.000%		
25	690-2-0	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	0%		0%		0%		0.000%		
26	690-3-1	REMOVE SIGNAL PEDESTAL	0%		0%		0%		0.000%		
27	690-33-1	REMOVE POLE (DEEP) (DIRECT BURIAL)	0%		0%		0%		0.000%		
28	690-5-0	REMOVE CONTROLLER ASSEMBLY	0%		0%		0%		0.000%		
29	690-6-0	REMOVE VEHICLE DETECTOR ASSEMBLY	0%		0%		0%		0.000%		
30	690-7-0	REMOVE PEDESTRIAN DETECTOR ASSEMBLY	0%		0%		0%		0.000%		
31	690-8-0	REMOVE SPAN WIRE ASSEMBLY	0%		0%		0%		0.000%		
32	690-9-0	REMOVE CONDUIT & CABLING	0%		0%		0%		0.000%		

Bid Tabulation "B" (180 Calendar Days)

ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	Florida Safety Contractors		Traffic Control Devices		American Lighting and Signalization		Road Runner Highway Signs	
			WORK BY SUBCONTRACTOR	DESCRIPTION OF WORK BY SUBCONTRACTOR	WORK BY SUBCONTRACTOR	DESCRIPTION OF WORK BY SUBCONTRACTOR	WORK BY SUBCONTRACTOR	DESCRIPTION OF WORK BY SUBCONTRACTOR	WORK BY SUBCONTRACTOR	DESCRIPTION OF WORK BY SUBCONTRACTOR
33	690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	0%		0%		0%		0.000%	
34	699-1-1	INTERNALLY ILLUMINATED SIGN (F&I) (EDGE LIT LED)	0%		0%		0%		0.000%	
35	700-20-4	SINGLE POST, RELOCATE	0%		0%		0%		0.000%	
36	700-48-18	SIGN PANEL (F&I) (5 OR LESS)	0%		0%		0%		0.000%	
37	711-1-1-123	THERMOPLASTIC PAVEMENT MARKINGS (12" WHITE)	100%	TBD	100%	No	Stripping	100%	0.000%	
38	711-1-1-125	THERMOPLASTIC PAVEMENT MARKINGS (24" WHITE)	100%	TBD	100%	No	Stripping	100%	0.000%	
39	711-1-1-151	SKIP)	100%	TBD	100%	No	Stripping	100%	0.000%	
40	711-1-17	REMOVE THERMOPLASTIC PAVEMENT MARKINGS	100%	TBD	100%	No	Stripping	100%	0.000%	
41	715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO. 4-2	0%		0%			0%	0.000%	
42	715-1-70	LIGHTING CONDUCTORS, REMOVE, FDOT OWNS	0%		0%			0%	0.000%	
43	715-1-4-11	LIGHTING - PULL BOX (F&I)	0%		0%			0%	0.000%	
44	715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	0%		0%			0%	0.000%	
45	780-1-12	ITS POWER SERVICE WIRE	0%		0%			0%	0.000%	
46	783-1-121	ITS FIBER OPTIC CABLE (F&I)	0%		0%			100%	0.000%	
47	783-2-31	ITS FIBER OPTIC (INSTALL) (SPLICE)	0%		0%			100%	0.000%	
48	783-4-112	ITS CONDUIT (F&I)	0%		0%			100%	0.000%	
49	783-5-1	ITS PULL BOX FOR FIBER OPTIC (F&I)	0%		0%			25%	0.000%	Concrete pad
50	784-1-1	ITS FIELD ETHERNET SWITCH	0%		0%			100%	0.000%	
51	999-25	INITIAL CONTINGENCY AMOUNT	0%		0%			0%	0.000%	

Prepared by Engineer:  6-20-12
 Reviewed by Project Manager:  6-27-12
 Proofed by Purchasing:  6-27-12