



MANATEE COUNTY FLORIDA

May 4, 2012

TO: All Interested Bidders

SUBJECT: **Invitation for Bid # 11-2931-DS**
**Cortez Road (SR 684) @ 26th Street West, Installation of Mast Arm
Signals, Bradenton FL (Project # 425531-1-58-1)**

ADDENDUM # 1

Bidders are hereby notified that this Addendum shall be acknowledged on pages 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgement of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

The deadline for clarification of questions has expired as of **April 27, 2012 at 2:00 pm.** This deadline has been established to maintain fair treatment of all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve. Questions received after this date and time shall not be considered.

A public records request was made for the engineer's estimate for this project.

1. **Attached is a copy of the engineer's estimate letter (1) page dated May 2, 2012. It is important to note that Manatee County Government is currently receiving competitive bids which are up to 50% lower than engineer's estimates. (1 page)**

The responses to the submitted questions have been provided by Mr. Larry Mau, P.E. Project Manager, Cardno TBE.

1. Attachment: Memorandums dated May 2, 2012 (5 pages total)

Finance Management Department
Mailing Address: Purchasing Division: 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941-749-3045 * FAX: 941-749-3014
www.myanatee.org

May 4, 2012

Invitation for Bid # 11-2931-DS

**Cortez Road (SR 684) @ 26th Street West, Installation of Mast Arm Signals, Bradenton
FL (Project # 425531-1-58-1)**

ADDENDUM # 1

In response to the questions posed at the Information Conference which required a response from the Purchasing Division.

Question:

1. The warranty is noted as 3 years. Can it be defined as workmanship only as the equipment is County approved and much of it specified by the County?

Response:

1. All work, materials, and equipment furnished as defined herein shall be guaranteed and warranted by the contractor for a minimum period of three (3) years, unless otherwise specified, from final acceptance by the Owner to be free from defects due either to faulty materials or equipment or faulty workmanship.

All materials, equipment, and workmanship furnished and installed by the contractor is warranted and guaranteed by the contractor to be such as to meet the required standards and to accomplish the purposes and functions required standards and to accomplish the purposes and functions of the project as defined, detailed, and specified herein.

The Owner shall, following discovery thereof, promptly give written notice to the contractor of faulty materials, equipment, or workmanship within the period of the guarantee and the contractor shall promptly replace any part of the faulty equipment, material, or workmanship at his own cost. These warranty and guarantee provisions create no limitations on the Owner as to any claims or actions for breach of guaranty or breach of warranty that the Owner might have against parties other than the contractor, and do not constitute exclusive remedies of the Owner against the contractor.

(Reference C.07 page 00030-3).

Finance Management Department
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May 4 2012

Invitation for Bid # 11-2931-DS

Cortez Road (SR 684) @ 26th Street West, Installation of Mast Arm Signals, Bradenton FL (Project # 425531-1-58-1)

In response to the questions posed at the Information Conference which required a response from the Purchasing Division (continued).

Question:

2. How is the Contractor to meet the sustainability goals of the County?

Response:

2. As stated in A.21 Be Green, "All bidders are encouraged to use as many environmentally preferable "green" products, materials, supplies, etc. as possible in order to promote a safe and healthy environment. Environmentally preferable are products or services that have a reduced adverse effect on the environment. Provide detail of your organization's initiative and its ability to meet the goal of environmental sustainability."

BIDDERS: The Bid Forms for Bid "A", Bid "A" Subcontractor %, Bid "B" and Bid "B" Subcontractor % attached to this Addendum # 1 (12 pages) supersede all other Bid Forms issued for this solicitation and must be used in submission of your bid in response to this Invitation For Bid.

If you have submitted a bid prior to receiving this addendum, you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

END OF ADDENDUM # 1

The deadline for submitting sealed Bids at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 is until 2:00 pm on May 10, 2012.

Sincerely,



Melissa M. Wendel, CPPO
Purchasing Official

/ds

ds
Attachment (18 pages)

Finance Management Department
Mailing Address: Purchasing Division: 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941-749-3045 * FAX: 941-749-3014
www.mymanatee.org



May 2, 2012

Subject: **Cortez Road at 26th Street West Installation of Mast Arm Signals
Engineer's Opinion of Probable Construction Cost**

To All Bidders:

The Engineers Opinion of Probable Construction Cost for the Cortez Road at 26th Street W. Installation of Mast Arm Signals is \$350,363. (Three Hundred Fifty Thousand, Three Hundred Sixty-Three Dollars).

This Opinion of Probable Construction Cost was determined as of May 2012 and was based on the original plans and specifications issued for bidding as modified by the addendum information supplied to all bidders.

Sincerely,

Cardno TBE

A handwritten signature in black ink, appearing to read 'Larry R. Mau', written in a cursive style.

Larry R. Mau, PE
Project Manager

Cc: Eyra Cash, PE, Project Manager, Manatee County
Donna Stevens, Contract Specialist, Manatee County



May 2, 2012

Subject: **Cortez Road at 26th Street West Installation of Mast Arm Signals Revised and New FDOT Item Numbers**

To All Bidders:

The Bid Item Numbers used by the FDOT have been revised. The new numbers are shown on the attached revised Bid Form. In addition, one quantity changed. Specifically, the changes are as follows:

1. FDOT Item Number 650-51-311 (old) is changed to 650-1-311 (new).
2. FDOT Item Number 650-51-511 (old) is changed to 650-1-511 (new).
3. FDOT Item Number 659-107 (old) is changed to 646-1-11 (new).
4. FDOT Item Number 659-106 has been eliminated. The signal head tunnels visors are included as part of pay item 650-1-311 and 650-1-511.
5. The quantity for 783-1-121 ITS FIBER OPTIC CABLE has been revised to 225 LF.
6. FDOT Item Number 110-1-1 has been added to address testing and possible removal of soil and/or water from the site that may be contaminated. This pay item includes all standards and specifications for Section 110: Clearing and Grubbing from the FDOT Standard Specifications for Road and Bridge Construction 2010. Please see Section 110-9.5 which provides information on the handling, transport and disposal of hazardous materials/waste.

Sincerely,

Cardno TBE

A handwritten signature in black ink, appearing to read 'Larry R. Mau', is written over a light blue horizontal line.

Larry R. Mau, PE
Project Manager

Cc: Eyra Cash, PE, Project Manager, Manatee County
Donna Stevens, Contract Specialist, Manatee County

BID FORM

Section 00300 (Submit in Triplicate)

Cortez Road (SR684) at 26th Street Intersection Improvements
LAP AGREEMENT (FIN ID# 42553-58-01) MANATEE COUNTY PROJECT NO. 6077060
BID "A" Based on Completion Time of 120 calendars days
ADDENDUM # 1

PAY ITEM NO.	FDOT ITEM NUMBER	*	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE (\$)	TOTAL (\$)
1	101-1		MOBILIZATION	1	LS	\$	\$
2	102-1		MAINTENANCE OF TRAFFIC	1	LS	\$	\$
3	110-1-1		CLEARING AND GRUBBING (ADDENDUM # 1)	1	LS	\$	\$
4	110-4		REMOVAL OF EXISTING CONCRETE PAVEMENT	198	SY	\$	\$
4	285-709		OPTIONAL BASE, BASE GROUP 9	12	SY	\$	\$
5	334-1-13		SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1	TN	\$	\$
6	337-7-31		ASPHALT CONCRETE FRICTION COURSE	1	TN	\$	\$
7	520-1-10		CONCRETE CURB & GUTTER, TYPE F	200	LF	\$	\$
8	520-5-12		CONCRETE TRAFFIC SEPARATOR	6	LF	\$	\$
9	522-2		6" CONCRETE SIDEWALK	315	SY	\$	\$
10	555-1-2		DIRECTIONAL BORE (6" TO <12") (2" HDPE)	350	LF	\$	\$
11	630-1-11	*	CONDUIT (F&I) (ABOVEGROUND) (2")	40	LF	\$	\$
12	630-1-12	*	CONDUIT (F&I) (UNDERGROUND) (1.25")	5	LF	\$	\$
13	630-1-12	*	CONDUIT (F&I) (UNDERGROUND) (2")	321	LF	\$	\$
14	630-1-13	*	CONDUIT (F&I) (UNDERPAVEMENT)	140	LF	\$	\$
15	632-7-1	*	CABLE (SIGNAL) (F&I)	1	PI	\$	\$
16	635-1-11	*	PULL AND JUNCTION BOXES (F&I) (PULL BOX)	16	EA	\$	\$
17	639-1-22	*	ELECTRICAL POWER SERVICE (UNDERGROUND)	1	AS	\$	\$
18	639-2-1	*	ELECTRICAL SERVICE WIRE (F&I)	291	LF	\$	\$
19	641-2-12	*	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-II POLE)	1	EA	\$	\$
20	649-31-299	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (CUSTOM)	4	EA	\$	\$
21	650-1-311	*	TRAFFIC SIGNAL (F&I) (3 SECT.) (1-WAY) (LED) (ADDENDUM # 1)	9	AS	\$	\$

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID "A"

BID FORM

Section 00300 (Submit in Triplicate)

Cortez Road (SR684) at 26th Street Intersection Improvements
LAP AGREEMENT (FIN ID# 42553-58-01) MANATEE COUNTY PROJECT NO. 6077060
BID "A" Based on Completion Time of 120 calendars days
ADDENDUM # 1

PAY ITEM NO.	FDOT ITEM NUMBER	*	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE (\$)	TOTAL (\$)
22	650-1-511	*	TRAFFIC SIGNAL (F&I) (5 SECT.) (1-WAY) (LED) (ADDENDUM # 1)	2	AS	\$	\$
23	653-191	*	PEDESTRIAN SIGNALS (F&I) (LED) (1 WAY) (COUNTDOWN)	8	AS	\$	\$
24	659-106	*	SIGNAL HEAD AUX. (F&I) (TUNNEL VISORS)	37	EA	\$	\$
25	646-1-11	*	SIGNAL HEAD AUX. (F&I) (ALUMINUM PEDESTAL) (ADDENDUM #1)	8	EA	\$	\$
26	663-74-15	*	VEHICLE DETECTOR ASSEMBLIES (F&I) (VIDEO)	4	EA	\$	\$
27	665-13	*	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)	8	EA	\$	\$
28	670-5-110	*	TRAFFIC CONTROLLER ASSEMBLY (F&I) (NEMA) (NO PREEMPT)	1	AS	\$	\$
29	690-10		REMOVE SIGNAL HEAD ASSEMBLY	10	EA	\$	\$
30	690-20		REMOVE SIGNAL PEDESTRIAN ASSEMBLY	8	EA	\$	\$
31	690-31		REMOVE SIGNAL PEDESTAL	2	EA	\$	\$
32	690-34-1		REMOVE POLE (DEEP) (DIRECT BURIAL)	4	EA	\$	\$
33	690-50		REMOVE CONTROLLER ASSEMBLY	2	EA	\$	\$
34	690-60		REMOVE VEHICLE DETECTOR ASSEMBLY	13	EA	\$	\$
35	690-70		REMOVE DETECTOR PEDESTRIAN ASSEMBLY	8	EA	\$	\$
36	690-80		REMOVE SPAN WIRE ASSEMBLY	4	EA	\$	\$
37	690-90		REMOVE CONDUIT & CABLING	1	PI	\$	\$
38	690-100		REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	1	PI	\$	\$
39	699-1-1	*	INTERNALLY ILLUMINATED SIGN (F&I) (EDGE LIT LED)	4	EA	\$	\$
40	700-20-11		SINGLE POST SIGN (F&I), R3-7R	1	EA	\$	\$
41	700-48-60		SIGN PANEL (REMOVE)	3	EA	\$	\$
42	705-11-3		DELINEATOR, FLEXIBLE HIGH VISIBILITY (MEDIAN)	2	EA	\$	\$
43	710-11-290		PAINT, STANDARD YELLOW, ISLAND NOSE	10	SF	\$	\$
44	711-11-123		THERMOPLASTIC PAVEMENT MARKINGS (12" WHITE)	660	LF	\$	\$

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID "A"

BID FORM

Section 00300 (Submit in Triplicate)

**Cortez Road (SR684) at 26th Street Intersection Improvements
LAP AGREEMENT (FIN ID# 42553-58-01) MANATEE COUNTY PROJECT NO. 6077060**

BID "A" Based on Completion Time of 120 calendars days

ADDENDUM # 1

PAY ITEM NO.	FDOT ITEM NUMBER	*	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE (\$)	TOTAL (\$)
45	711-11-125		THERMOPLASTIC PAVEMENT MARKINGS (24" WHITE)	165	LF	\$	\$
46	711-17		REMOVE THERMOPLASTIC PAVEMENT MARKINGS	2095	SF	\$	\$
47	780-1-12	*	ITS POWER SERVICE WIRE	975	LF	\$	\$
48	783-1-121	*	ITS FIBER OPTIC CABLE (F&I) (ADDENDUM #1)	225	LF	\$	\$
49	783-2-31	*	ITS FIBER OPTIC (INSTALL) (SPLICE)	4	EA	\$	\$
50	784-1-1	*	ITS FIELD ETHERNET SWITCH	1	EA	\$	\$
51			Discretionary Work	1	LS		\$35,000.00
52	999-25		INITIAL CONTINGENCY AMOUNT (DO NOT BID)				
			TOTAL BID "A" 120 CALENDAR COMPLETION DAYS (ADDENDUM #1)				\$

* = Indicator of items that will require Shop Drawing submittal. The Awarded Contractor shall be responsible for the preparation and submittal of all Shop Drawings in accordance to FDOT Standard Specifications For Road and Bridge Construction 5-1.4.2 Work Items Requiring Shop Drawings.

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID FORM - SUBCONTRACTOR PERCENTAGE

Section 00300 (Submit in Triplicate)

Cortez Road (SR684) at 26th Street Intersection Improvements**LAP AGREEMENT (FIN ID # 42553-1-58-01) MANATEE COUNTY PROJECT NO. 6077060****BID "A" Based on Completion Time of 120 calendars days****ADDENDUM # 1**

PAY ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	%	MBE/DBE	Description of Work by Subcontractor
1	101-1	MOBILIZATION			
2	102-1	MAINTENANCE OF TRAFFIC			
3	110-1-1	CLEARING AND GRUBBING (ADDENDUM # 1)			
4	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT			
5	285-709	OPTIONAL BASE, BASE GROUP 9			
6	334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C			
7	337-7-31	ASPHALT CONCRETE FRICTION COURSE			
8	520-1-10	CONCRETE CURB & GUTTER, TYPE F			
9	520-5-12	CONCRETE TRAFFIC SEPARATOR			
10	522-2	6" CONCRETE SIDEWALK			
11	555-1-2	DIRECTIONAL BORE (6" TO <12") (2" HDPE)			
12	630-1-11	CONDUIT (F&I) (ABOVEGROUND) (2")			
13	630-1-12	CONDUIT (F&I) (UNDERGROUND) (1.25")			
14	630-1-12	CONDUIT (F&I) (UNDERGROUND) (2")			
15	630-1-13	CONDUIT (F&I) (UNDERPAVEMENT)			
16	632-7-1	CABLE (SIGNAL) (F&I)			
17	635-1-11	PULL AND JUNCTION BOXES (F&I) (PULL BOX)			
18	639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)			
19	639-2-1	ELECTRICAL SERVICE WIRE (F&I)			

BIDDER: _____

AUTHORIZED SIGNATURE: _____ BID "A"

BID FORM - SUBCONTRACTOR PERCENTAGE
Section 00300 (Submit in Triplicate)
Cortez Road (SR684) at 26th Street Intersection Improvements
LAP AGREEMENT (FIN ID # 42553-1-58-01) MANATEE COUNTY PROJECT NO. 6077060
BID "A" Based on Completion Time of 120 calendars days

ADDENDUM # 1

PAY ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	%	MBE/DBE	Description of Work by Subcontractor
20	641-2-12	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-II POLE)			
21	649-31-299	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (CUSTOM)			
22	650-1-311	TRAFFIC SIGNAL (F&I) (3 SECT.) (1-WAY) (LED) (ADDENDUM # 1)			
23	650-1-511	TRAFFIC SIGNAL (F&I) (5 SECT.) (1-WAY) (LED) (ADDENDUM #1)			
24	653-191	PEDESTRIAN SIGNALS (F&I) (LED) (1 WAY) (COUNTDOWN)			
25	646-1-11	SIGNAL HEAD AUX. (F&I) (ALUMINUM PEDESTAL) (ADDENDUM #1)			
26	663-74-15	VEHICLE DETECTOR ASSEMBLIES (F&I) (VIDEO)			
27	665-13	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)			
28	670-5-110	TRAFFIC CONTROLLER ASSEMBLY (F&I) (NEMA) (NO PREEMPT)			
29	685-106	UNINTERRUPTIBLE POWER SOURCE (UPS)			
30	690-10	REMOVE SIGNAL HEAD ASSEMBLY			
31	690-20	REMOVE SIGNAL PEDESTRIAN ASSEMBLY			
32	690-31	REMOVE SIGNAL PEDESTAL			
33	690-34-1	REMOVE POLE (DEEP) (DIRECT BURIAL)			
34	690-50	REMOVE CONTROLLER ASSEMBLY			
35	690-60	REMOVE VEHICLE DETECTOR ASSEMBLY			
36	690-70	REMOVE DETECTOR PEDESTRIAN ASSEMBLY			
37	690-80	REMOVE SPAN WIRE ASSEMBLY			

BIDDER: _____

AUTHORIZED SIGNATURE: _____ BID "A"

BID FORM - SUBCONTRACTOR PERCENTAGE

Section 00300 (Submit in Triplicate)

Cortez Road (SR684) at 26th Street Intersection Improvements

LAP AGREEMENT (FIN ID # 42553-1-58-01) MANATEE COUNTY PROJECT NO. 6077060

BID "A" Based on Completion Time of 120 calendar days**ADDENDUM # 1**

PAY ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	%	MBE/DBE	Description of Work by Subcontractor
38	690-90	REMOVE CONDUIT & CABLING			
39	690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT			
40	699-1-1	INTERNALLY ILLUMINATED SIGN (F&I) (EDGE LIT LED)			
41	700-20-11	SINGLE POST SIGN (F&I), R3-7R			
42	700-48-60	SIGN PANEL (REMOVE)			
43	705-11-3	DELINEATOR, FLEXIBLE HIGH VISIBILITY (MEDIAN)			
44	710-11-290	PAINT, STANDARD YELLOW, ISLAND NOSE			
45	711-11-123	THERMOPLASTIC PAVEMENT MARKINGS (12" WHITE)			
46	711-11-125	THERMOPLASTIC PAVEMENT MARKINGS (24" WHITE)			
47	711-17	REMOVE THERMOPLASTIC PAVEMENT MARKINGS			
48	780-1-12	ITS POWER SERVICE WIRE			
49	783-1-121	ITS FIBER OPTIC CABLE (F&I)			
50	783-2-31	ITS FIBER OPTIC (INSTALL) (SPLICE)			
51	784-1-1	ITS FIELD ETHERNET SWITCH			
		TOTAL BID "A" 120 CALENDAR COMPLETION DAYS SUBCONTRACTOR (ADDENDUM #1)			

This bid form is a duplication of the bid items where the Bidder shall state the percentage (%) of work of each item listed and a brief description of the work that shall be performed by the subcontractor.

BIDDER: _____

AUTHORIZED SIGNATURE: _____ BID "A"

BID FORM

Section 00300 (Submit in Triplicate)

Cortez Road (SR684) at 26th Street Intersection Improvements

LAP AGREEMENT (FIN ID# 42553-58-01) MANATEE COUNTY PROJECT NO. 6077060

BID "B" Based on Completion Time of 180 calendars days**ADDENDUM # 1**

PAY ITEM NO.	FDOT ITEM NUMBER	*	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE (\$)	TOTAL (\$)
1	101-1		MOBILIZATION	1	LS	\$	\$
2	102-1		MAINTENANCE OF TRAFFIC	1	LS	\$	\$
3	110-1-1		CLEARING AND GRUBBING (ADDENDUM # 1)	1	LS	\$	\$
4	110-4		REMOVAL OF EXISTING CONCRETE PAVEMENT	198	SY	\$	\$
5	285-709		OPTIONAL BASE, BASE GROUP 9	12	SY	\$	\$
6	334-1-13		SUPERPAVE ASPHALTIC CONC. TRAFFIC C	1	TN	\$	\$
7	337-7-31		ASPHALT CONCRETE FRICTION COURSE	1	TN	\$	\$
8	520-1-10		CONCRETE CURB & GUTTER, TYPE F	200	LF	\$	\$
9	520-5-12		CONCRETE TRAFFIC SEPARATOR	6	LF	\$	\$
10	522-2		6" CONCRETE SIDEWALK	315	SY	\$	\$
11	555-1-2		DIRECTIONAL BORE (6" TO <12") (2" HDPE)	350	LF	\$	\$
12	630-1-11	*	CONDUIT (F&I) (ABOVEGROUND) (2")	40	LF	\$	\$
13	630-1-12	*	CONDUIT (F&I) (UNDERGROUND) (1.25")	5	LF	\$	\$
14	630-1-12	*	CONDUIT (F&I) (UNDERGROUND) (2")	321	LF	\$	\$
15	630-1-13	*	CONDUIT (F&I) (UNDERPAVEMENT)	140	LF	\$	\$
16	632-7-1	*	CABLE (SIGNAL) (F&I)	1	PI	\$	\$
17	635-1-11	*	PULL AND JUNCTION BOXES (F&I) (PULL BOX)	16	EA	\$	\$
18	639-1-22	*	ELECTRICAL POWER SERVICE (UNDERGROUND)	1	AS	\$	\$
19	639-2-1	*	ELECTRICAL SERVICE WIRE (F&I)	291	LF	\$	\$
20	641-2-12	*	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-II POLE)	1	EA	\$	\$
21	649-31-299	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (CUSTOM)	4	EA	\$	\$
22	650-1-311	*	TRAFFIC SIGNAL (F&I) (3 SECT.) (1-WAY) (LED) (ADDENDUM #1)	9	AS	\$	\$

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID "B"

1

BID FORM

Section 00300 (Submit in Triplicate)

Cortez Road (SR684) at 26th Street Intersection Improvements
 LAP AGREEMENT (FIN ID# 42553-58-01) MANATEE COUNTY PROJECT NO. 6077060

BID "B" Based on Completion Time of 180 calendars days**ADDENDUM # 1**

PAY ITEM NO.	FDOT ITEM NUMBER	*	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE (\$)	TOTAL (\$)
23	650-1-511	*	TRAFFIC SIGNAL (F&I) (5 SECT.) (1-WAY) (LED) (ADDENDUM #1)	2	AS	\$	\$
24	653-191	*	PEDESTRIAN SIGNALS (F&I) (LED) (1 WAY) (COUNTDOWN)	8	AS	\$	\$
25	646-1-11	*	SIGNAL HEAD AUX. (F&I) (ALUMINUM PEDESTAL) (ADDENDUM #1)	8	EA	\$	\$
26	663-74-15	*	VEHICLE DETECTOR ASSEMBLIES (F&I) (VIDEO)	4	EA	\$	\$
27	665-13	*	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)	8	EA	\$	\$
28	670-5-110	*	TRAFFIC CONTROLLER ASSEMBLY (F&I) (NEMA) (NO PREEMPT)	1	AS	\$	\$
29	685-106	*	UNINTERRUPTIBLE POWER SOURCE (UPS)	1	EA	\$	\$
30	690-10		REMOVE SIGNAL HEAD ASSEMBLY	10	EA	\$	\$
31	690-20		REMOVE SIGNAL PEDESTRIAN ASSEMBLY	8	EA	\$	\$
32	690-31		REMOVE SIGNAL PEDESTAL	2	EA	\$	\$
33	690-34-1		REMOVE POLE (DEEP) (DIRECT BURIAL)	4	EA	\$	\$
34	690-50		REMOVE CONTROLLER ASSEMBLY	2	EA	\$	\$
35	690-60		REMOVE VEHICLE DETECTOR ASSEMBLY	13	EA	\$	\$
36	690-70		REMOVE DETECTOR PEDESTRIAN ASSEMBLY	8	EA	\$	\$
37	690-80		REMOVE SPAN WIRE ASSEMBLY	4	EA	\$	\$
38	690-90		REMOVE CONDUIT & CABLING	1	PI	\$	\$
39	690-100		REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	1	PI	\$	\$
40	699-1-1	*	INTERNALLY ILLUMINATED SIGN (F&I) (EDGE LIT LED)	4	EA	\$	\$
41	700-20-11		SINGLE POST SIGN (F&I), R3-7R	1	EA	\$	\$
42	700-48-60		SIGN PANEL (REMOVE)	3	EA	\$	\$
43	705-11-3		DELINEATOR, FLEXIBLE HIGH VISIBILITY (MEDIAN)	2	EA	\$	\$
44	710-11-290		PAINT, STANDARD YELLOW, ISLAND NOSE	10	SF	\$	\$

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID "B"

2

BID FORM

Section 00300 (Submit in Triplicate)

Cortez Road (SR684) at 26th Street Intersection Improvements

LAP AGREEMENT (FIN ID# 42553-58-01) MANATEE COUNTY PROJECT NO. 6077060

BID "B" Based on Completion Time of 180 calendars days

ADDENDUM # 1

PAY ITEM NO.	FDOT ITEM NUMBER	*	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE (\$)	TOTAL (\$)
45	711-11-123		THERMOPLASTIC PAVEMENT MARKINGS (12" WHITE)	660	LF	\$	\$
46	711-11-125		THERMOPLASTIC PAVEMENT MARKINGS (24" WHITE)	165	LF	\$	\$
47	711-17		REMOVE THERMOPLASTIC PAVEMENT MARKINGS	2095	SF	\$	\$
48	780-1-12	*	ITS POWER SERVICE WIRE	975	LF	\$	\$
49	783-1-121	*	ITS FIBER OPTIC CABLE (F&I) (ADDENDUM #1)	225	LF	\$	\$
50	783-2-31	*	ITS FIBER OPTIC (INSTALL) (SPLICE)	4	EA	\$	\$
51	784-1-1	*	ITS FIELD ETHERNET SWITCH	1	EA	\$	\$
52	999-25		Discretionary Work	1	LS		\$35,000.00
53	999-25		INITIAL CONTINGENCY AMOUNT (DO NOT BID)				
			TOTAL BID "B" 180 CALENDAR COMPLETION DAYS (ADDENDUM #1)				\$

* = Indicator of items that will require Shop Drawing submittal. The Awarded Contractor shall be responsible for the preparation and submittal of all Shop Drawings in accordance to FDOT Standard Specifications For Road and Bridge Construction 5-1.4.2 Work Items Requiring Shop Drawings.

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID FORM

Section 00300 (Submit in Triplicate)

Cortez Road (SR684) at 26th Street Intersection Improvements

LAP AGREEMENT (FIN ID# 42553-1-58-01) MANATEE COUNTY PROJECT NO. 6077060

BID "B" Based on Completion Time of 180 calendars days

ADDENDUM # 1

PAY ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	%	MBE/DBE	Description of Work by Subcontractor
1	101-1	MOBILIZATION			
2	102-1	MAINTENANCE OF TRAFFIC			
3	110-1-1	CLEARING AND GRUBBING (ADDENDUM # 1)			
4	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT			
5	285-709	OPTIONAL BASE, BASE GROUP 9			
6	334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C			
7	337-7-31	ASPHALT CONCRETE FRICTION COURSE			
8	520-1-10	CONCRETE CURB & GUTTER, TYPE F			
9	520-5-12	CONCRETE TRAFFIC SEPARATOR			
10	522-2	6" CONCRETE SIDEWALK			
11	555-1-2	DIRECTIONAL BORE (6" TO <12") (2" HDPE)			
12	630-1-11	CONDUIT (F&I) (ABOVEGROUND) (2")			
13	630-1-12	CONDUIT (F&I) (UNDERGROUND) (1.25")			
14	630-1-12	CONDUIT (F&I) (UNDERGROUND) (2")			
15	630-1-13	CONDUIT (F&I) (UNDERPAVEMENT)			
16	632-7-1	CABLE (SIGNAL) (F&I)			
17	635-1-11	PULL AND JUNCTION BOXES (F&I) (PULL BOX)			
18	639-1-22	ELECTRICAL POWER SERVICE (UNDERGROUND)			
19	639-2-1	ELECTRICAL SERVICE WIRE (F&I)			

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID "B"

BID FORM

Section 00300 (Submit in Triplicate)

Cortez Road (SR684) at 26th Street Intersection Improvements**LAP AGREEMENT (FIN ID# 42553-1-58-01) MANATEE COUNTY PROJECT NO. 6077060****BID "B" Based on Completion Time of 180 calendars days****ADDENDUM # 1**

PAY ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	%	MBE/DBE	Description of Work by Subcontractor
20	641-2-12	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-II POLE)			
21	649-31-299	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (CUSTOM)			
22	650-1-311	TRAFFIC SIGNAL (F&I) (3 SECT.) (1-WAY) (LED) (ADDENDUM #1)			
23	650-1-511	TRAFFIC SIGNAL (F&I) (5 SECT.) (1-WAY) (LED) (ADDENDUM #1)			
24	653-191	PEDESTRIAN SIGNALS (F&I) (LED) (1 WAY) (COUNTDOWN)			
25	646-1-11	SIGNAL HEAD AUX. (F&I) (ALUMINUM PEDESTAL) (ADDENDUM # 1)			
26	663-74-15	VEHICLE DETECTOR ASSEMBLIES (F&I) (VIDEO)			
27	665-13	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)			
28	670-5-110	TRAFFIC CONTROLLER ASSEMBLY (F&I) (NEMA) (NO PREEMPT)			
29	685-106	UNINTERRUPTIBLE POWER SOURCE (UPS)			
30	690-10	REMOVE SIGNAL HEAD ASSEMBLY			
31	690-20	REMOVE SIGNAL PEDESTRIAN ASSEMBLY			
32	690-31	REMOVE SIGNAL PEDESTAL			
33	690-34-1	REMOVE POLE (DEEP) (DIRECT BURIAL)			
34	690-50	REMOVE CONTROLLER ASSEMBLY			
35	690-60	REMOVE VEHICLE DETECTOR ASSEMBLY			
36	690-70	REMOVE DETECTOR PEDESTRIAN ASSEMBLY			

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID "B"

BID FORM
 Section 00300 (Submit in Triplicate)
Cortez Road (SR684) at 26th Street Intersection Improvements
LAP AGREEMENT (FIN ID# 42553-1-58-01) MANATEE COUNTY PROJECT NO. 6077060
BID "B" Based on Completion Time of 180 calendars days
ADDENDUM # 1

PAY ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	%	MBE/DBE	Description of Work by Subcontractor
37	690-80	REMOVE SPAN WIRE ASSEMBLY			
38	690-90	REMOVE CONDUIT & CABLING			
39	690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT			
40	699-1-1	INTERNALLY ILLUMINATED SIGN (F&I) (EDGE LIT LED)			
41	700-20-11	SINGLE POST SIGN (F&I), R3-7R			
42	700-48-60	SIGN PANEL (REMOVE)			
43	705-11-3	DELINEATOR, FLEXIBLE HIGH VISIBILITY (MEDIAN)			
44	710-11-290	PAINT, STANDARD YELLOW, ISLAND NOSE			
45	711-11-123	THERMOPLASTIC PAVEMENT MARKINGS (12" WHITE)			
46	711-11-125	THERMOPLASTIC PAVEMENT MARKINGS (24" WHITE)			
47	711-17	REMOVE THERMOPLASTIC PAVEMENT MARKINGS			
48	780-1-12	ITS POWER SERVICE WIRE			
49	783-1-121	ITS FIBER OPTIC CABLE (F&I)			
50	783-2-31	ITS FIBER OPTIC (INSTALL) (SPLICE)			
51	784-1-1	ITS FIELD ETHERNET SWITCH			
		TOTAL BID "B" 180 CALENDAR COMPLETION DAYS SUBCONTRACTOR (ADDENDUM #1)			

This bid form is a duplication of the bid items where the Bidder shall state the percentage (%) of work of each item listed and a brief description of the work that shall be performed by the subcontractor.

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID "B"



May 2, 2012

Subject: **Cortez Road at 26th Street West Installation of Mast Arm Signals Bidder Questions from Pre-Bid Meeting of April 12, 2012**

To All Bidders:

The following are written understandings of the questions presented to the County at the April 12 Pre-Bid meeting. Following each question is the answer, in bold, provided to all bidders.

1. Is a ROW Use permit required and who will obtain it?

The contractor is required to obtain all permits for completion of the work. All fees and expenses of such permits shall be included in the bid.

2. What is the purpose of requiring a General Contractor license rather than an Electrical Contractor license for the prime contractor?

The requirement for a General Contractor license is no longer part of the bid requirements. In place of the General Contractor license requirement, all bidders must be prequalified by FDOT for "TRAFFIC SIGNAL" work.

See revised criteria in answer to Question number 3 below.

3. Shouldn't the County change to a prequalification process such as the FDOT prequalified categories?

The FDOT has determined that a bidder must be a FDOT prequalified contractor in the category of "TRAFFIC SIGNAL". The prime contractor's corporate name must appear in the State FDOT database in this category on the bid due date. In addition, the certification must be maintained throughout the duration of the project.

4. What is the technical specification for the video detection system?

Please use the following video detection system that is the compatible video detection system used throughout Manatee County:

Video detection camera shall be ITERIS Vantage RZ4 Advanced Wide Dynamic Range Color camera mounted on Pelco mast arm camera bracket. Install the detection system in strict accordance with the video detection system's installation manuals. The Contractor shall only use manufacturer approved cabling connectors and components for the video detection system. The signal contractor shall consult with the technical representatives prior to installation. The Contractor shall request a system critique from the video detection equipment supply manufacturer when installation is complete. The results of the system critique shall be provided in writing to Manatee County Traffic Engineering Division prior to scheduling the final inspection.

5. The ATMS controller cabinet is new. Why not just relocate it?

Contractor is to furnish a new traffic controller assembly as shown in the plans. The Contractor is to deliver the existing cabinet and controller equipment in good condition to the County signal shop per the General Notes (Sheet No. T-3).

6. There is no ATMS fiber splice detail in the plan. Please provide.

The ATMS fiber optic splice detail is attached. The Contractor shall run the 12-count drop cable to the existing southwest splice box and splice into the splice box and enclosure. The proposed controller cabinet is approximately 125 feet from the existing splice box and enclosure on the southwest corner. In addition, the Contractor shall provide a minimum of 50 feet of slack inside the splice box in the southwest corner. The quantity for Pay Item 783-1-121: ITS FIBER OPTIC CABLE on Sheet No. T-2 and Sheet No. T-5 will be affected due to the additional fiber optic cable needed. The quantity will increase.

7. Is the project using Manatee County or FDOT specification on pull boxes, etc.?

The project is using FDOT specification on pull boxes, with consideration of Manatee County preferences.

Please see Sheet No. T-4, Pay item footnote 5. 635-1-11 for guidance. One revision to 635-1-11 is that the pull box cover for fiber communication and/or interconnect cable should be stamped "MANATEE COUNTY FIBER OPTIC SYSTEM".

In addition, for standard pull boxes (pull boxes not used for fiber optic communication/interconnect cable) use polymer concrete construction pull boxes (standard) to be a minimum of seventeen inches (17")(length) x thirty inches (30")(width) x twelve inches (12")(depth). The pull box cover logos to specify function. The top of the lid shall have the following identification permanently cast into their top surface in stamped raised letters, according to the application for which it is to be used: "TRAFFIC SIGNAL" for signalized intersection application, "ELECTRICAL" for other electrical applications, "LIGHTING" for lighting applications, "TRAFFIC MONITORING" for traffic monitoring applications.

Use polymer concrete pull box with a polymer concrete cover marked "FIBER OPTIC CABLE" for fiber communication and/or interconnect cable. Use 24" x 36" x 36" pull boxes placed a minimum of 800' apart.

8. Is a project sign required? If so, where is it covered in the bid form?

No project identification sign will be required for the project.

9. Where are the specifications for the UPS foundation?

Sheet No. T-4, Note 15: 685-106 states to attach UPS unit to the outside of the controller cabinet. Install UPS unit in accordance with the Manufacturer's specifications. For additional information, see the Technical Special Provision for 685 Uninterruptible Power Source in the bidders package.

10. Do the construction durations include the acquisition time for equipment?

Yes, the 120 and 180 days indicated on the bid documents include all equipment acquisition time.

11. One of the pedestrian poles in the NW corner appears to be outside the ROW. Please confirm legal access, easement, etc.

The pedestrian poles on the northwest corner lie within the right-of-way. Please see Sheet No. T-11 for a zoomed-in view of the northwest corner. The south pole is located within the sidewalk and the north pole is located east of the right-of-way line.

12. The plans show possible contamination in the SE corner. Does the soil have to be tested? What is the process if the soil is contaminated? How is it paid?

The contractor can either test the soil prior to construction and confirm that it is not contaminated, or he can assume it is contaminated in the noted area and containerize the dirt in drums for subsequent disposal. Testing/disposal documentation results must be provided for activities associated with the mast arm foundation and other subsurface work.

Per General Note 27, all contaminated soils must be removed from the site and transported to a state approved contaminated soil disposal facility.

Payment for all testing and/or removal of contaminated or questionable soil is to be covered in newly added FDOT Item Number 110-1-1, Clearing and Grubbing. See Section 110: Clearing and Grubbing from the FDOT Standard Specifications for Road and Bridge Construction 2010 regarding handling contamination.


Sincerely,

Cardno TBE



Larry R. Mau, PE
Project Manager

Cc: Eyra Cash, PE, Project Manager, Manatee County
Donna Stevens, Contract Specialist, Manatee County

NO.	DESCRIPTION	BY	DATE	MANATEE COUNTY CORTEZ ROAD AND 26TH STREET WEST  <small>12481 Taborville Road, Suite 200 Tampa, Florida 33613 www.garino.com 813.221.0048 Certificate of Authorization No. 3843</small>	<small>LINK Y. SUWANING</small> <small>LIC. NO. 87995</small> <small>DATE</small>	<small>DESIGNED BY</small> <small>JTB</small> <small>DRWN BY</small> <small>JTB</small> <small>CHECKED BY</small> <small>JTB</small> <small>APPROVED BY</small> <small>JTB</small>	FIBER OPTIC SPLICE DETAIL <small>PROJECT NO.:</small> <small>00184-08-05</small> <small>DATE:</small> <small>04-28-12</small> <small>SHEET NO.:</small> <small>1-18</small>

