

June 6, 2012

All Interested Bidders:

SUBJECT:

Invitation for Bid #12-1241-OV

Cortez Road (SR 684) @59th Street West

Installation of Mast Arm Signals (FM #425532-1-58-01)

Bradenton, FL

ADDENDUM #2

Bidders are hereby notified that this Addendum shall be acknowledged on page $\underline{00300-1}$ 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.

<u>Bidders Note:</u> Additional questions shall not be accepted at this time as the stated deadline of <u>June 1</u>, <u>2012 has lapsed</u>. 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.

Attached memorandums dated June 4 and 5 respectively, from Mr. Larry R. Mau, PE, Project Manager, Cardno TBE providing bidders with the following information:

• Engineer's Estimate dated June 4, 2012.

(It is important to note that Manatee County is currently receiving competitive bids which are up to 50% lower than the Engineer's Estimate. (1 total page)

Financial Management Department - Purchasing Division 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205 Phone: 941-749-3055 - Fax: 941-749-3014

www.mymanatee.org

June 6, 2012 Invitation for Bid #12-1241-OV Cortez Road (SR 684) @59th Street West Installation of Mast Arm Signals (FM #425532-1-58-01) Bradenton, FL

Page 2, Addendum #2

Bidders Note:

<u>DELETE:</u> "Possible Petroleum Contamination In Northwest Corner Memorandum" dated May 7, 2012 from Larry R. Mau, PE which was provided with the original Invitation for Bid.

REPLACE WITH: Revised Language memorandum dated June 5, 2012 from Larry R. Mau, PE. (1 Total Page)

Bidders Note:

DELETE: Bid Item No. 3: FDOT Item No. 110-1-1, Clearing and Grubbing in its entirety.

Revised Bid Forms for Bid "A" based on a Completion Time of 120 Calendar Days and Bid "B" Based on a Completion Time of 180 Calendar Days are made a part of this Addendum #2. (16 Total Pages attached)

Bidders shall utilize the REVISED Addendum #2 Bid Forms when submitting the 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 #2

Bids will be received at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205 until 2:00 P.M. on June 12, 2012.

Sincerely.

Melissa Wendel, CPPO

Purchasing Official, Purchasing Division

Ov/ Attachments (18 Total Pages)



June 4, 2012

Subject:

Cortez Road at 59th 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 59th Street W. Installation of Mast Arm Signals is \$235,002.31 (Two Hundred, Thirty-Five Thousand, Two Dollars, Thirty-one Cents). This estimate includes \$20,000 for contingency work.

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 *Memos to Project Specifications Manual*.

Sincerely,

Cardno TBE

Larry R. Mau, PE Project Manager

Cc: Eyra Cash, PE, Project Manager, Manatee County Olga Valcich, Contract Specialist, Manatee County



MEMO TO PROJECT SPECIFICATIONS MANUAL

CORTEZ ROAD AND 59TH STREET INTERSECTION IMPROVEMENT PROJECT:

June 5, 2012 DATE:

Manatee County Government OWNER:

Larry R. Mau, PE PREPARED BY:

Addendum No. 2: SUBJECT: Possible Petroleum Contamination in Northwest Corner - Revised

Addendum No. 2 is issued to modify and clarify the bid and contract documents as follows:

 Bid Item No. 3, FDOT Item No. 110-1-1, Clearing and Grubbing has been removed from the bid form.

- This language below replaces the memo titled Possible Petroleum Contamination in Northwest Corner dated May 7, 2012.
 - Notice is hereby given to all proposing contractors that the Florida Department of Environmental Protection has identified the parcel on the northwest corner of the Cortez Road and 59th Street West intersection as a "Waste Cleanup Site". This site may have petroleum products in the soil in the area of the proposed project work. Proper precautions must be taken. Should contaminants be found in the soil during the excavation process, the contractor will work with the County and FDOT to negotiate a Change Order to the contract to cover the cost of handling and disposing of the excavated material according to recommended protocols for petroleum contaminated soil.

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement LAP Agreement 425532-1-58-01 / Project No. 6076960 IFB12-1241-OV / ADDENDUM #2 (06/06/2012)

ITE M NO.	FDOT ITEM NUMBER		DESCRIPTION	QTY	UNITS	BID PRICE PER UNIT (s)	TOTAL BID PRICE (\$)
1	101-1		MOBILIZATION	1	LS		
2	102-1		MAINTENANCE OF TRAFFIC DELETE CLEARING AND	1	LS		***
****3	110-1-1		GRUBBING(ADDENDUM#2. 06.06.2012)	0	LS		
4	110-4		REMOVAL OF EXISTING CONCRETE PAVEMENT	68	SY		
5	520-1-10		CONCRETE CURB & GUTTER, TYPE F	97	LF		
6	522-2		6" CONCRETE SIDEWALK	125	SY		
7	555-1-2		DIRECTIONAL BORE (6" TO <12")	230	LF		
8	630-1-12	*	CONDUIT (F & I) (UNDERGROUND (2")	450	LF		
9	632-7-1	*	CABLE (SIGNAL) (F & I)	1	PI		
10	635-1-11	*	PULL AND JUNCTION BOXES (F & I) (PULL BOX)	11	EA		
11	639-1-22	*	ELECTRICAL POWER SERVICE (UNDERGROUND)	1	AS		
12	639-2-1	*	ELECTRICAL SERVICE WIRE (F & I)	330	LF		
13	641-2-12	*	PRESTRESSED CONCRETE POLE (F & I) (TYPE P-11 POLE)	1	EA		
14	646-1-11	*	SIGNAL HEAD (F & I) (ALUMINUM PEDESTAL)	4	EA		

BIDDER:	
AUTHORIZED SIGNATURE:_	

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement LAP Agreement 425532-1-58-01 / Project No. 6076960 IFB12-1241-OV / ADDENDUM #2 (06/06/2012)

15	649-31-202	*	STEEL MAST ARM ASSEMBLY (F & I) (130 MPH) (42')	1	EA	
16	649-31-215	*	STEEL MAST ARM ASSEMBLY (F & I) (130 MPH) (46' - 60')	1	EA	
	650-1-311	*	TRAFFIC SIGNAL (F & I) (3 SECT.) (1-WAY) (LED)	5	AS	
	650-1-511	*	TRAFFIC SIGNAL (F & I) (5 SECT.) (1-WAY) (LED)	2	AS	
19	653-191	*	PEDESTRIAN SIGNALS (F & I) (LED) (1 WAY) (COUNTDOWN)	4	AS	
20	663-74-15	*	VEHICLE DETECTOR ASSEMBLIES (F& I) (VIDEO)	3	EA	
21	665-13	*	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)	4	EA	
22	670-5-112	*	TRAFFIC CONTROLLER ASSEMBLY (F & I) (NEMA)	1	AS	
23	685-106	*	UNINTERRUPTIBLE POWER SOURCE (UPS)	1	EA	
24	690-10		REMOVE SIGNAL HEAD ASSEMBLY	7	EA	
25	690-20		REMOVE PEDESTRIAN SIGNAL ASSEMBLY	4	EA	
26	690-31		REMOVE SIGNAL PEDESTAL	2	EA	
27	690-33-1		REMOVE POLE (DEEP) (DIRECT BURIAL)	40_	LF	
28	690-50		REMOVE CONTROLLER ASSEMBLY	1	EA	
29	690-60		REMOVE VEHICLE DETECTOR ASSEMBLY	8	EA	

BIDDER:
AUTHORIZED SIGNATURE:

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement LAP Agreement 425532-1-58-01 / Project No. 6076960 IFB12-1241-OV / ADDENDUM #2 (06/06/2012)

			Blu A Daseu on Comple			
30	690-70		REMOVE PEDESTRIAN DETECTOR ASSEMBLY	4	EA	
31	690-80		REMOVE SPAN WIRE ASSEMBLY	1	EA	
32	690-90		REMOVE CONDUIT & CABLING	1	PI	
	690-100		REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	1	PI	
	699-1-1		INTERNALLY ILLUMINATGED SIGN (F & I) (EDGE LIT LED)	3	EA	
35	700-20-4		SINGLE POST, RELOCATE	1	AS	
36	700-48-18		SIGN PANEL (F & I) (15 OR LESS)	1	EA	
	711-11-123		THERMOPLASTIC PAVEMENT MARKINGS (12" WHITE)	375	LF	
38	711-11-125		THERMOPLASTIC PAVEMENT MARKINGS (24" WHITE)	405	LF	
39	711-11-151		THERMOPLASTIC PAVEMENT MARKINGS (6" WHITE SKIP)	155	LF	
40	711-17		REMOVE THERMOPLASTIC PAVEMENT MARKINGS	797	SF	
41	715-1-13	*	LIGHTING CONDUCTORS, F & I, INSUL, NO. 4-2	330	LF	
42	715-1-70		LIGHTING CONDUCTORS, REMOVE, FDOT OWNS	110	LF	
43	715-14-11	*	LIGHTING - PULL BOX (F &	1	EA	
44	715-500-1	*	POLE CABLE DIST SYS, CONVENTIONAL	1	EA	

BIDDER:	
AUTHORIZED SIGNATURE:	

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement LAP Agreement 425532-1-58-01 / Project No. 6076960 IFB12-1241-OV / ADDENDUM #2 (06/06/2012)

Bid "A" Based on Completion Time of 120 Calendar Days

45	780-1-12	*	ITS POWER SERVICE WIRE	735	LF		
	783-1-121	*	ITS FIBER OPTIC CABLE (F&I)	360	LF		
47	783-2-31	*	ITS FIBER OPTIC (INSTALL) (SPLICE)	4	EA		
48	783-4-112	*	ITS CONDUIT (F&I)	110	LF		
49	783-5-1	*	ITS PULL BOX FOR FIBER OPTIC (F&I)	2	EA		
50	784-1-1	*	ITS FIELD ETHERNET SWITCH	1	EA		
51			DISCRETIONARY WORK	LS	1		\$20,000.00
						TOTAL	

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

BIDDER:	
ALITHORIZED SIGNATURE:	

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement

LAP Agreement 425532-1-58-01 / Project No. 6076960

IFB12-1241-OV / ADDENDUM #2 (06/06/2012)

ITEM NO.	FDOT ITEM		DESCRIPTION		WORK BY S	SUBCONTRACTOR
	NUMBER		DESCRIPTION	%	MBE/WBE	DESCRIPTION OF WORK BY SUBCONTRACTOR
1	101-1		MOBILIZATION			
2	102-1		MAINTENANCE OF TRAFFIC			
****3	110-1-1		DELETE CLEARING AND GRUBBING(ADDENDUM#2.0 6.06.2012)	***************************************		
4	110-4		REMOVAL OF EXISTING CONCRETE PAVEMENT			
5	520-1-10		CONCRETE CURB & GUTTER TYPE F			
6	522-2		6" CONCRETE SIDEWALK			
7	555-1-2		DIRECTIONAL BORE (6" TO <12")			
8	630-1-12	*	CONDUIT (F & I) (UNDERGROUND (2")			
9	632-7	*	CABLE (SIGNAL) (F & I)			
10	635-1-11	*	(1 & 1) (1 & 22 = 27.7)			
11_	639-1-22	*	ELECTRICAL POWER SERVICE (UNDERGROUND)			
12	639-2-1	*	ELECTRICAL SERVICE WIRE (F & I)			
13	641-2-12	*	PRESTRESSED CONCRETE POLE (F & I) (TYPE P-11 POLE)			
14	646-1-11	*	SIGNAL HEAD (F & I) (ALUMINUM PEDESTAL)			

	00300-6
BIDDER:	BID "A" 120 Calendar Days
DIDUEN.	Subcontractor% Form
AUTHORIZED SIGNATURE:	Addendum #2 06/06/2012

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement

LAP Agreement 425532-1-58-01 / Project No. 6076960

IFB12-1241-OV / ADDENDUM #2 (06/06/2012)

			old A Based on Completion	 	
15	649-31-202	*	ASSEMBLY (F & I) (130 MPH) (42')		
16	649-31-215	*	STEEL MAST ARM ASSEMBLY (F & I) (130 MPH) (46' - 60')		
17	650-1-311	*	TRAFFIC SIGNAL (F & I) (3 SECT.) (1-WAY) (LED)		
18	650-1-511	*	TRAFFIC SIGNAL (F & I) (5 SECT.) (1-WAY) (LED)		
19	653-191	*	PEDESTRIAN SIGNALS (F & I) (LED) (1 WAY) (COUNTDOWN)		
20	663-74-15	*	VEHICLE DETECTOR ASSEMBLIES (F& I) (VIDEO)		
21	665-13	*	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)		
22	670-5-112	*	TRAFFIC CONTROLLER ASSEMBLY (F & I) (NEMA)		
23	685-106	*	UNINTERRUPTIBLE POWER SOURCE (UPS)		
24	690-10		REMOVE SIGNAL HEAD ASSEMBLY		
25	690-20		REMOVE PEDESTRIAN SIGNAL ASSEMBLY		
26	690-31		REMOVE SIGNAL PEDESTAI		
27	690-33-1		REMOVE POLE (DEEP) (DIRECT BURIAL)		
28	690-50		REMOVE CONTROLLER ASSEMBLY		
29	690-60		REMOVE VEHICLE DETECTOR ASSEMBLY		

	00300-7
BIDDER:	BID "A" 120 Calendar Days
BIDDER:	Subcontractor% Form
AUTHORIZED SIGNATURE:	Addendum #2 06/06/2012

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement

LAP Agreement 425532-1-58-01 / Project No. 6076960

IFB12-1241-OV / ADDENDUM #2 (06/06/2012)

,				 T	
			REMOVE PEDESTRIAN		
30	690-70		DETECTOR ASSEMBLY		
	_		REMOVE SPAN WIRE		
31	690-80		ASSEMBLY		
			REMOVE CONDUIT &		ĺ
32	690-90		CABLING		
			REMOVE MISCELLANEOUS		
33	690-100		SIGNAL EQUIPMENT		
			INTERNALLY ILLUMINATGED		
34	699-1-1	*	SIGN (F & I) (EDGE LIT LED)		
35	700-20-4	<u> </u>	SINGLE POST, RELOCATE		
			SIGN PANEL (F & I) (15 OR		1
36	700-48-18		LESS)	 	
			PAVEMENT MARKINGS (12"		
37	711-11-123		WHITE)		
			THERMOPLASTIC		
			PAVEMENT MARKINGS (24"		
38	711-11-125		WHITE)		
			THERMOPLASTIC		
			PAVEMENT MARKINGS (6"		
39	711-11-151		WHITE SKIP)		
			REMOVE THERMOPLASTIC		
40	711-17		PAVEMENT MARKINGS		
			LIGHTING CONDUCTORS, F		
41	715-1-13	*	& I, INSUL, NO. 4-2		
	10 1 10	+			
			LIGHTING CONDUCTORS,		
42	715-1-70		REMOVE, FDOT OWNS		
43	715-14-11	*	LIGHTING - PULL BOX (F & I)		
 "	1.0	+			
			POLE CABLE DIST SYS,		
44	715-500-1	*	CONVENTIONAL	 <u> </u>	

	00300-8
BIDDER:	BID "A" 120 Calendar Days
DIDUEN.	Subcontractor% Form
AUTHORIZED SIGNATURE:	Addendum #2 06/06/2012

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement

LAP Agreement 425532-1-58-01 / Project No. 6076960

IFB12-1241-OV / ADDENDUM #2 (06/06/2012)

Bid "A" Based on Completion Time of 120 Calendar Days

45	780-1-12	*	ITS POWER SERVICE WIRE		
46	783-1-121	*	ITS FIBER OPTIC CABLE (F&I)		
47	783-2-31	*	ITS FIBER OPTIC (INSTALL) (SPLICE)		
48	783-4-112	*	ITS CONDUIT (F&I)		
49	783-5-1	*	ITS PULL BOX FOR FIBER OPTIC (F&I)		
50	784-1-1	*	ITS FIELD ETHERNET SWITCH		

This is a duplication of the Bid Items where the Bidder shall state the percentage of work (of each item listed) and a description of the work which shall be performed by a subcontractor.

	00300-9
BIDDER:	BID "A" 120 Calendar Days
	Subcontractor% Form
AUTHORIZED SIGNATURE:	Addendum #2 06/06/2012

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement LAP Agreement 425532-1-58-01 / Project No. 6076960 IFB12-1241-OV - ADDENDUM NO. 2 (06/06/2012)

TEM NO.	FDOT ITEM NUMBER		DESCRIPTION	QTY	UNITS	BID PRICE PER UNIT (s)	TOTAL BID PRICE (\$)
1	101-1		MOBILIZATION	1	LS		
2	102-1		MAINTENANCE OF TRAFFIC	1	LS		
***3	110-1-1		DELETE CLEARING AND GRUBBING(ADDENDUM#2. 06.06.2012)	0	LS		
4	110-4		REMOVAL OF EXISTING CONCRETE PAVEMENT	68	SY		
5	520-1-10		CONCRETE CURB & GUTTER, TYPE F	97	LF		
6	522-2		6" CONCRETE SIDEWALK	125	SY		
7	555-1-2		DIRECTIONAL BORE (6" TO <12")	230	LF		
8	630-1-12	*	CONDUIT (F & I) (UNDERGROUND (2")	450	LF		
9	632-7-1	*	CABLE (SIGNAL) (F & I)	1	PI		
10	635-1-11	*	PULL AND JUNCTION BOXES (F & I) (PULL BOX)	11	EA		
11	639-1-22	*	ELECTRICAL POWER SERVICE (UNDERGROUND)	1	AS		
12	639-2-1	*	ELECTRICAL SERVICE WIRE (F & I)	330	LF		
13	641-2-12	*	PRESTRESSED CONCRETE POLE (F & I) (TYPE P-11 POLE)	1	EA		
14	646-1-11	*	SIGNAL HEAD (F & I) (ALUMINUM PEDESTAL)	4	EA		

BIDDER:	
AUTHORIZED SIGNATURE:	

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement LAP Agreement 425532-1-58-01 / Project No. 6076960 IFB12-1241-OV - ADDENDUM NO. 2 (06/06/2012)

15	649-31-202	*	STEEL MAST ARM ASSEMBLY (F & I) (130 MPH) (42')	1	EA		
16	649-31-215	*	STEEL MAST ARM ASSEMBLY (F & I) (130 MPH) (46' - 60')	1	EA		
17	650-1-311	*	TRAFFIC SIGNAL (F & I) (3 SECT.) (1-WAY) (LED)	5	AS		
18	650-1-511	*	TRAFFIC SIGNAL (F & I) (5 SECT.) (1-WAY) (LED)	2	AS		
19	653-191	*	PEDESTRIAN SIGNALS (F & I) (LED) (1 WAY) (COUNTDOWN)	4	AS		
19	030-131		VEHICLE DETECTOR	•			
20	663-74-15	*	ASSEMBLIES (F& I) (VIDEO)	3	EA		
21	665-13	*	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)	4	EA		
22	670-5-112	*	TRAFFIC CONTROLLER ASSEMBLY (F & I) (NEMA)	1	AS		
23	685-106	*	UNINTERRUPTIBLE POWER SOURCE (UPS)	1	EA		
24	690-10		REMOVE SIGNAL HEAD ASSEMBLY	7	EA		
25	690-20		REMOVE PEDESTRIAN SIGNAL ASSEMBLY	4	EA	,	
			REMOVE SIGNAL	2	EA		
26	690-31		REMOVE POLE (DEEP)		<u>- </u>		
27	690-33-1		(DIRECT BURIAL)	40	LF		
28	690-50		REMOVE CONTROLLER ASSEMBLY	1	EA		
29	690-60		REMOVE VEHICLE DETECTOR ASSEMBLY	8	EA		

BIDDER:	
AUTHORIZED SIGNATURE:	

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement LAP Agreement 425532-1-58-01 / Project No. 6076960 IFB12-1241-OV - ADDENDUM NO. 2 (06/06/2012)

			Bid B Based on Compic			
30	690-70		REMOVE PEDESTRIAN DETECTOR ASSEMBLY	4	EA	
31	690-80		REMOVE SPAN WIRE ASSEMBLY	1	EA	
32	690-90	1	REMOVE CONDUIT & CABLING	1	PI	
33	690-100		REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	1	Pl	
34	699-1-1		INTERNALLY ILLUMINATGED SIGN (F & I) (EDGE LIT LED)	3	EA	
35	700-20-4		SINGLE POST, RELOCATE	1	AS	
36	700-48-18		SIGN PANEL (F & I) (15 OR LESS)	1	EA	
37	711-11-123		THERMOPLASTIC PAVEMENT MARKINGS (12" WHITE)	375	LF	
38	711-11-125		THERMOPLASTIC PAVEMENT MARKINGS (24" WHITE)	405	LF	
39	711-11-151		THERMOPLASTIC PAVEMENT MARKINGS (6" WHITE SKIP)	155	LF	
40	711-17		REMOVE THERMOPLASTIC PAVEMENT MARKINGS	797	SF	
41	715-1-13	*	LIGHTING CONDUCTORS, F & I, INSUL, NO. 4-2	330	LF	
42	715-1-70		LIGHTING CONDUCTORS, REMOVE, FDOT OWNS	110	LF	

BIDDER:	
AUTHORIZED SIGNATURE:	

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement LAP Agreement 425532-1-58-01 / Project No. 6076960 IFB12-1241-OV - ADDENDUM NO. 2 (06/06/2012)

Bid "B" Based on Completion Time of 180 Calendar Days

		Dia D Dasca on Comple		,		
715-14-11	*	LIGHTING - PULL BOX (F &	1	EA		
715-500-1	*	POLE CABLE DIST SYS, CONVENTIONAL	1	EA		
780-1-12	*		735	LF		
783-1-121	*	(F&I)	360	LF		
783-2-31	*	ITS FIBER OPTIC (INSTALL) (SPLICE)	4	EA		
783-4-112	*	ITS CONDUIT (F&I)	110	LF		
783-5-1	*	ITS PULL BOX FOR FIBER OPTIC (F&I)	2	EA		
784-1-1	*	ITS FIELD ETHERNET SWITCH	1	EA		
		DISCRETIONARY WORK	LS	1		\$20,000.00
					TOTAL	
	715-500-1 780-1-12 783-1-121 783-2-31 783-4-112	715-500-1 * 780-1-12 * 783-1-121 * 783-2-31 * 783-4-112 *	715-14-11 * I) POLE CABLE DIST SYS, CONVENTIONAL * ITS POWER SERVICE WIRE ITS FIBER OPTIC CABLE (F&I) ITS FIBER OPTIC (INSTALL) (SPLICE) * ITS CONDUIT (F&I) ITS PULL BOX FOR FIBER OPTIC (F&I) ITS FIELD ETHERNET SWITCH	715-14-11 * I) 1 POLE CABLE DIST SYS, CONVENTIONAL 1 780-1-12 * ITS POWER SERVICE WIRE 735 ITS FIBER OPTIC CABLE (F&I) 360 ITS FIBER OPTIC (INSTALL) (SPLICE) 4 783-2-31 * ITS CONDUIT (F&I) 110 ITS PULL BOX FOR FIBER OPTIC (F&I) 2 ITS FIELD ETHERNET SWITCH 1	715-14-11 * I) 1 EA POLE CABLE DIST SYS, CONVENTIONAL 1 EA 780-1-12 * ITS POWER SERVICE WIRE 735 LF ITS FIBER OPTIC CABLE (F&I) 360 LF 783-1-121 * ITS FIBER OPTIC (INSTALL) (SPLICE) 4 EA 783-2-31 * ITS CONDUIT (F&I) 110 LF 783-4-112 * ITS PULL BOX FOR FIBER OPTIC (F&I) 2 EA 784-1-1 * SWITCH 1 EA	715-14-11 * I) 1 EA POLE CABLE DIST SYS, CONVENTIONAL 1 EA 780-1-12 * ITS POWER SERVICE WIRE 735 LF ITS FIBER OPTIC CABLE (F&I) 360 LF 783-1-121 * (F&I) 4 EA 783-2-31 * (SPLICE) 4 EA 783-4-112 * ITS CONDUIT (F&I) 110 LF 783-5-1 * OPTIC (F&I) 2 EA ITS FIELD ETHERNET SWITCH 1 EA DISCRETIONARY WORK LS 1

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

BIDDER:		
AUTHODIZED CICNATUD	€.	

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement

LAP Agreement 425532-1-58-01 / Project No. 6076960 IFB12-1241-OV /

ITE M NO.	FDOT ITEM NUMBER		DESCRIPTION		WORK BY S	SUBCONTRACTOR
				%	MBE/WBE	DESCRIPTION OF WORK BY SUBCONTRACTOR
1	101-1		MOBILIZATION			
2	102-1		MAINTENANCE OF TRAFFIC	,		
3	110-1-1		CLEARING AND GRUBBING			
4	110-4		REMOVAL OF EXISTING CONCRETE PAVEMENT			
5	520-1-10		CONCRETE CURB & GUTTER TYPE F			
6	522-2		6" CONCRETE SIDEWALK			
7	555-1-2		DIRECTIONAL BORE (6" TO <12")			
8	630-1-12	*	CONDUIT (F & I) (UNDERGROUND (2")			
9	632-7	*	CABLE (SIGNAL) (F & I)			
10	635-1-11	*	PULL AND JUNCTION BOXES (F & I) (PULL BOX)			
11	639-1-22	*	ELECTRICAL POWER SERVICE (UNDERGROUND)			
12	639-2-1	*	ELECTRICAL SERVICE WIRE (F & I)			
13	641-2-12	*	PRESTRESSED CONCRETE POLE (F & I) (TYPE P-11 POLE)			
14	646-1-11	*	SIGNAL HEAD (F & I) (ALUMINUM PEDESTAL)			

BIDDER:	00300-1
	BID "B" 180 Calendar Day
AUTHORIZED SIGNATURE:	Subcontractor% Forn

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement

LAP Agreement 425532-1-58-01 / Project No. 6076960 IFB12-1241-OV /

			Bid "B" Based on Completion i	 	
15	649-31-202	*	ASSEMBLY (F & I) (130 MPH) (42')		
16	649-31-215	*	STEEL MAST ARM ASSEMBLY (F & I) (130 MPH) (46' - 60')		
17	650-1-311	*	TRAFFIC SIGNAL (F & I) (3 SECT.) (1-WAY) (LED)		
18	650-1-511	*	TRAFFIC SIGNAL (F & I) (5 SECT.) (1-WAY) (LED)		
19	653-191	*	PEDESTRIAN SIGNALS (F & I) (LED) (1 WAY) (COUNTDOWN)		
20	663-74-15	*	VEHICLE DETECTOR ASSEMBLIES (F& I) (VIDEO)		
21	665-13	*	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)		
22	670-5-112	*	TRAFFIC CONTROLLER ASSEMBLY (F & I) (NEMA)		
23	685-106	*	UNINTERRUPTIBLE POWER SOURCE (UPS)		
24	690-10		REMOVE SIGNAL HEAD ASSEMBLY		
25	690-20		REMOVE PEDESTRIAN SIGNAL ASSEMBLY		
26	690-31		REMOVE SIGNAL PEDESTAL		
27	690-33-1		REMOVE POLE (DEEP) (DIRECT BURIAL)		
28	690-50		REMOVE CONTROLLER ASSEMBLY		
29	690-60		REMOVE VEHICLE DETECTOR ASSEMBLY		

BIDDER:	00300-15	
	BID "B" 180 Calendar Days	
AUTHORIZED SIGNATURE:	Subcontractor% Form	

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement

LAP Agreement 425532-1-58-01 / Project No. 6076960 IFB12-1241-OV /

	T	T	I	r	
20	690-70		REMOVE PEDESTRIAN DETECTOR ASSEMBLY		
30	090-70	-	REMOVE SPAN WIRE		
31	690-80		ASSEMBLY		
			REMOVE CONDUIT &		
32	690-90		CABLING		
			REMOVE MISCELLANEOUS		
33	690-100		SIGNAL EQUIPMENT		
			INTERNALLY ILLUMINATGED		
34	699-1-1	*	SIGN (F & I) (EDGE LIT LED)		
35	700-20-4		SINGLE POST, RELOCATE		
55	700-20-4		SIGN PANEL (F & I) (15 OR		
36	700-48-18		LESS)		
			THERMOPLASTIC PAVEMENT		
37	711-11-123		MARKINGS (12" WHITE)		
			TUEDIA ODLA OTIO DANGELENIE		
38	711-11-125		THERMOPLASTIC PAVEMENT MARKINGS (24" WHITE)		
	711 11 120		MATRICIA (24 WITH L)		
			THERMOPLASTIC PAVEMENT		
39	711-11-151		MARKINGS (6" WHITE SKIP)		
			REMOVE THERMOPLASTIC		
40	711-17		PAVEMENT MARKINGS		
1.4	715 1 10	*	LIGHTING CONDUCTORS, F		
41	715-1-13	<u> </u>	& I, INSUL, NO. 4-2		
			LIGHTING CONDUCTORS,		
42	715-1-70		REMOVE, FDOT OWNS		
43	715-14-11	*	LIGHTING - PULL BOX (F & I)		
			POLE CABLE DIST SYS,		
44	715-500-1	*	CONVENTIONAL		

BIDDER:	00300-16
	BID "B" 180 Calendar Days
AUTHORIZED SIGNATURE:	Subcontractor% Form

Cortez Road West (SR 684) @ 59th Street West Intersection Improvement

LAP Agreement 425532-1-58-01 / Project No. 6076960 IFB12-1241-OV /

Bid "B" Based on Completion Time of 180 Calendar Days

				1	
45	780-1-12	*	ITS POWER SERVICE WIRE		
46	783-1-121	*	ITS FIBER OPTIC CABLE (F&I)		
			ITS FIBER OPTIC (INSTALL)		
l l	700 0 04	*			
47	783-2-31	<u> </u>	(SPLICE)	ļ	
48	783-4-112	*	ITS CONDUIT (F&I)		
			ITS PULL BOX FOR FIBER		
49	783-5-1	*	OPTIC (F&I)		
1		-	ITS FIELD ETHERNET		
	70444				
50	784-1-1	<u></u>	SWITCH		

This is a duplication of the Bid Items where the Bidder shall state the percentage of work (of each item listed) and a description of the work which shall be performed by a subcontractor.

BIDDER:	00300-	00300-17		
	BID "B" 180 Calendar Day	ys		
AUTHORIZED SIGNATURE:	Subcontractor% For	m		