

**Florida Department of Transportation  
Bid Solicitation Notice and Approximate Quantities**

Letting:	05230209	Call Order: 004	Proposal: E56B7	District:05
Counties:	ORANGE			
Road Name:	SR 400			
Limits:	75280000			
Project(s):	44852015201(*)	Federal Aid No:	N/A	
Project(s):	45077015201	Federal Aid No:	N/A	
Total Roadway Length:	19.843 Miles	Contract Days:	300	
Total Bridge Length:	0.000 Miles	Letting Date:	02/09/23	
Total Proposal Length:	19.843 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	120 LEAD	
Proposal Budget Estimate:	\$4,870,988.00			

Please read the full advertisement

**Description:**

The Improvements under this Contract consist of installation of wrong way driving deterrents—wrong way vehicle detection systems and signing and striping enhancements— off-ramps at the following interchanges:

- I-4 at SR 435
- I-4 at Conroy Road
- I-4 at South John Young Parkway.
- I-4 at US 441 (Orange Blossom Trail)
- I-4 at Michigan Street
- I-4 at Amelia Street
- I-4 at Colonial Drive

PREQUALIFICATION REQUIRED

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ALT	Item	Description	Unit	Quantity
<b>Section 0001 Roadway</b>				
	0101- 1-	MOBILIZATION (44852015201)	LS	1.000
	0101- 1-	MOBILIZATION (45077015201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44852015201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (45077015201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	528.000
	0102- 60-	WORK ZONE SIGN	ED	2,453.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	8,119.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	54,026.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	67.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	480.000
	0102-115-	TYPE III BARRICADE	ED	86.000
	0104- 10- 3	SEDIMENT BARRIER	LF	970.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44852015201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (45077015201)	LS	1.000
<b>Section 0002 Signing</b>				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	45.000

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	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	8.000
	0700- 1- 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870/700-012, UP TO 12 SF	AS	6.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	16.000
	0700- 1-106	SINGLE POST SIGN, F&I BRIDGE MOUNT, SPECIAL DESIGN, PROJECT 448520-1-52-01	AS	3.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	4.000
	0700- 6- 11	HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, UP TO 12 SF	AS	42.000
	0700- 6- 21	HIGHLIGHTED SIGN, F&I GROUND MOUNT- SOLAR POWERED, UP TO 12 SF	AS	1.000
	0700- 6-109	HIGHLIGHTED SIGN, F&I BRIDGE MOUNT- WRONG WAY, AC POWERED , PROJECT 448520-1-52-01	AS	2.000
	0700- 6-110	HIGHLIGHTED SIGN, F&I BRIDGE MOUNT- WRONG WAY, SOLAR POWERED , PROJECT 448520-1-52-01	AS	11.000
	0700- 6-111	HIGHLIGHTED SIGN, F&I BARRIER MOUNT- WRONG WAY, SOLAR POWERED , PROJECT 448520-1-52-01	AS	2.000
	0700- 6-113	HIGHLIGHTED SIGN, F&I BRIDGE MOUNT- WRONG WAY, AC POWERED , PROJECT 450770-1-52-01	AS	4.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	58.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	120.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	510.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	6.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.060
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	6.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	34.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.170
	0711- 14-570	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST, ARROW ON CONCRETE SURFACE	EA	2.000
<b>Section 0003 Intelligent Transportation System</b>				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	8.982
	0611- 2- 1	ITSFM LOCATION DOCUMENTATION- INTERSECTION	EA	12.000
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	24.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	13,530.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	6,148.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	945.000
	0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	554.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	13,220.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	288.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	1.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	28.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	256.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	19.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	23.000

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	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	5.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	600.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	173.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	47.000
	0635- 3- 11	JUNCTION BOX, FURNISH & INSTALL, AERIAL	EA	6.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	7.000
	0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS	1.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	10.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	16,784.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	25.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	14.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	25.000
	0660- 7- 21	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 1 OR 2 LANES, AC POWERED	EA	8.000
	0660- 7- 22	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 3 OR MORE LANES, AC POWERED	EA	8.000
	0676- 1-500	TRAFFIC SIGNAL CONTROLLER CABINET, ADJUST/MODIFY	EA	1.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	16.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	1.000
	0684- 1- 5	MANAGED FIELD ETHERNET SWITCH, ADJUST / MODIFY	EA	1.000
	0684- 5- 1	MEDIA CONVERTER, FURNISH & INSTALL	EA	1.000
	0684- 90-101	NETWORK DEVICE, MANAGED HUB ETHERNET SWITCH, LAYER 3	EA	16.000
	0684- 90-102	NETWORK DEVICE, CELLULAR MODEM	EA	6.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	16.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	16.000