

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 08250415 Call Order: 002 Proposal: E8V82 District:08

Counties: TURNPIKE

Road Name: WRONG WAY VEHICLE DETECTION SYSTEM IMPLEMENTATION

Limits: 10470018

Project(s): 43496855201(*) Federal Aid No: N/A

Total Roadway Length:	4.447 Miles	Contract Days:	449
Total Bridge Length:	0.000 Miles	Letting Date:	04/15/25
Total Proposal Length:	4.447 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	120

Proposal Budget Estimate: \$5,065,803.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for the implementation of Wrong Way Vehicle Detection Systems in Hillsborough County on SR 568 (Veterans Expressway) from MP 0.000 to MP 3.021 and SR 589 (Veterans Expressway/Suncoast Parkway) from MP 7.200 to MP16.400, and in Orange County on SR 91 (Florida's Turnpike) from MP 263.600 to MP 264.00.

No Pre-Bid Conference. Contractor must be prequalified.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (43496855201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43496855201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	180.000
	0102- 60-	WORK ZONE SIGN	ED	6,729.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	1,174.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	288.000
	0102-115-	TYPE III BARRICADE	ED	32.000
	0104- 10- 3	SEDIMENT BARRIER	LF	8,645.000
	0107- 1-	LITTER REMOVAL	AC	406.670
	0107- 2-	MOWING	AC	406.670
	0110- 23-	TREE REMOVAL	EA	1.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	74.000
	0999- 16-	PARTNERING, DO NOT BID (43496855201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43496855201)	LS	1.000
Section 0002 Signing				
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	20.000
	0700- 1-211	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I BARRIER TOP-MOUNT, LESS THAN 12 SF	EA	2.000
	0700- 1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	4.000
	0700- 2-500	MULTI-COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	1.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	6.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	70.000

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ALT	Item	Description	Unit	Quantity
	0700-141-140	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, HIGHLIGHTED SIGN <12 SF	EA	51.000
	0700-141-440	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I BARRIER SIDE MOUNT, HIGHLIGHTED SIGN <12 SF	EA	3.000
Section 0003 Intelligent Transportation System				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	8.229
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	15.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	12,148.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	9,090.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	837.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	12,766.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	126.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	336.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	2.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	46.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	14.000
	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	7.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	449.000
	0633- 8- 11	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL, CAT 6	LF	6,608.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	134.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	36.000
	0635- 3- 11	JUNCTION BOX, FURNISH & INSTALL, AERIAL	EA	4.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	21,287.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	13.000
	0639- 6-121	ELECTRICAL POWER SERVICE- TRANSFORMER, F&I, 5-10 KVA, SINGLE PHASE, COPPER WINDINGS	EA	15.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	13.000
	0660- 7- 21	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 1 OR 2 LANES, AC POWERED	EA	7.000
	0660- 7- 22	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 3 OR MORE LANES, AC POWERED	EA	7.000
	0660- 7-111	VEHICLE DETECTION SYSTEM- WRONG WAY, FURNISH AND INSTALL CAMERA AND THERMAL SENSOR SYSTEM	EA	1.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	13.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	13.000
	0684- 5- 1	MEDIA CONVERTER, FURNISH & INSTALL	EA	1.000
	0685- 1- 12	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION	EA	13.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	13.000