

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 08250415 Call Order: 003 Proposal: E8V83 District:08

Counties: TURNPIKE

Road Name: WRONG WAY VEHICLE DETECTION SYSTEM IMPLEMENTATION SO FL

Limits: 87471234

Project(s): 43496845201(*) Federal Aid No: N/A

Total Roadway Length:	3.419 Miles	Contract Days:	370
Total Bridge Length:	0.000 Miles	Letting Date:	04/15/25
Total Proposal Length:	3.419 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	120

Proposal Budget Estimate: \$4,503,963.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for the implementation of a Wrong Way Vehicle Detection System on Florida's Turnpike (SR 821) from MP 9.000 to MP 24.800 in Miami-Dade County.

No Pre-Bid Conference. Contractor must be prequalified.

Call Order: 003 Proposal: E8V83

ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (43496845201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43496845201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	140.000
	0102- 60-	WORK ZONE SIGN	ED	5,950.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	1,584.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	15.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	180.000
	0102-115-	TYPE III BARRICADE	ED	40.000
	0104- 10- 3	SEDIMENT BARRIER	LF	3,630.000
	0107- 1-	LITTER REMOVAL	AC	308.000
	0107- 2-	MOWING	AC	308.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	70.000
	0999- 16-	PARTNERING, DO NOT BID (43496845201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43496845201)	LS	1.000
Section 0002 Signing				
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	24.000
	0700- 1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	2.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	2.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	24.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	48.000
	0700-141-140	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, HIGHLIGHTED SIGN <12 SF	EA	44.000
	0700-141-440	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I BARRIER SIDE MOUNT, HIGHLIGHTED SIGN <12 SF	EA	2.000

Call Order: 003 Proposal: E8V83

ALT	Item	Description	Unit	Quantity
	0700-142-140	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, HIGHLIGHTED SIGN <12 SF	EA	1.000
	0700-142-240	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I BARRIER TOP MOUNT, HIGHLIGHTED SIGN <12 SF	EA	1.000
Section 0003 Intelligent Transportation System				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	9.903
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	12.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	10,704.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	3,835.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	295.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	1,088.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	11,759.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	28.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	456.000
	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	6.000
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	38.000
	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	19.000
	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	4.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	370.000
	0633- 8- 11	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL, CAT 6	LF	2,220.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	98.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	29.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	2.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	15,424.000
	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	12.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	14.000
	0660- 7- 21	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 1 OR 2 LANES, AC POWERED	EA	4.000
	0660- 7- 22	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 3 OR MORE LANES, AC POWERED	EA	10.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	12.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	12.000
	0684- 5- 1	MEDIA CONVERTER, FURNISH & INSTALL	EA	7.000
	0685- 1- 12	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION	EA	12.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	12.000