

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

Letting: 05210105 Call Order: 001 Proposal: E53A8 District:05

Counties: VOLUSIA

Road Name: EVENT MANAGEMENT EXTENSION PHASE 2 - ITS SURVEILLANCE SYSTEM

Limits: Midpoint

Project(s): 43632525201(*) Federal Aid No: N/A

Total Roadway Length:	0.000 Miles	Contract Days:	310
Total Bridge Length:	0.000 Miles	Letting Date:	01/05/21
Total Proposal Length:	0.000 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	30

Proposal Budget Estimate: \$1,975,562.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of Intelligent Transportation Systems and Signing that facilitates level of service and safety improvements along roadways paralleling the beach and ramp intersections on SR 5A (Nova Road), SR 40 (Granada Blvd), SR 44, SR 400 (Beville Road), SR 421 (Dunlawton Ave.), US 92 (ISB), SR 430 (Mason Ave), SR 483 (Clyde Morris Blvd.), LPGA Blvd, Williamson Blvd & Jimmy Ann Drive, approximately 3.1 miles in Volusia County.

The summary of pay items for this project is listed in the Plans.

PREQUALIFICATION REQUIRED

Call Order: 001 Proposal: E53A8

ALT	Item	Description	Unit	Quantity
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43632525201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43632525201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	1,326.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	2,496.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	7,980.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	16.000
	0102-115-	TYPE III BARRICADE	ED	32.000
	0104- 10- 3	SEDIMENT BARRIER	LF	10,805.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	13.000
	0120- 6-	EMBANKMENT	CY	6.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	15.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43632525201)	LS	1.000
Section 0010 Intelligent Transportation System				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	8,515.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	17,544.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	130.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	6,865.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	48.000

Call Order: 001 Proposal: E53A8

ALT	Item	Description	Unit	Quantity
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	4.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	2.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	2.000
	0633- 3- 56	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY PATCH PANEL	EA	1.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	22,219.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	133.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	15.000
	0635- 3- 11	JUNCTION BOX, FURNISH & INSTALL, AERIAL	EA	1.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	20,665.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	2.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	2.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000
	0646- 2-115	ALUMINUM POLE- INDEX 17900/695-001, FURNISH & INSTALL, 15'	EA	22.000
	0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	4.000
	0676- 1-113	TRAFFIC SIGNAL CONTROLLER CABINET, FURNISH & INSTALL CABINET WITHOUT CONTROLLER, NEMA Type/Size 3, 24" W x 40" H x 15" D	EA	1.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	1.000
	0676- 2-500	ITS CABINET- ADJUST/MODIFY	EA	17.000
	0676- 3- 10	SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D	EA	28.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	2.000
	0684- 5- 1	MEDIA CONVERTER, FURNISH & INSTALL	EA	58.000
	0685-515-	SYSTEM AUXILIARIES, REMOTE POWER MANAGEMENT UNIT- PROJECT 436325-2-52-01	EA	6.000
	0685-516-	SYSTEM AUXILIARIES, REMOTE RELAY CONTROL UNIT- PROJECT 436325-2-52-01	EA	5.000
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	2.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	2.000
	0700- 8-135	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, FULL COLOR, 51-100 SF	EA	1.000
	0700- 10-123	DMS SUPPORT STRUCTURE, CANTILEVER, 31-40 FT	EA	1.000
	0700- 11- 1	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, BLANK OUT SIGN, 48"X48", PROJECT 436325-2-52-01	AS	22.000
	0700- 11- 2	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL OVERHEAD MOUNT, BLANK OUT SIGN, 48"X48", PROJECT 436325-2-52-01	AS	22.000
	0700- 11-500	ELECTRONIC DISPLAY SIGN, RELOCATE	AS	4.000
	0700- 11-600	ELECTRONIC DISPLAY SIGN, REMOVE- GROUND MOUNT	AS	1.000
	0700- 11-700	ELECTRONIC DISPLAY SIGN, REMOVE- OVERHEAD MOUNT	AS	15.000
	0920-681- 2	CONNECTED VEHICLE ROAD SIDE UNIT, PROJECT 436325-2-52-01	EA	4.000