

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

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Letting: CT200226 Call Order: 013 Proposal: T5689 District:05  
Counties: VOLUSIA  
Road Name: SR 421  
Limits: FROM SUMMER TREES RD TO S ATLANTIC AVE  
Project(s): 44252215201(\*) Federal Aid No: D519062B  
Total Roadway Length: 4.217 Miles Contract Days: 180  
Total Bridge Length: 0.000 Miles Letting Date: 02/26/20  
Total Proposal Length: 4.217 Miles Contract Execution Days: 10  
Special Start Date: N/A  
Aquis/Flexible Start Time: 60 Calendar Days  
Proposal Budget Estimate: \$1,601,423.00

Please read the full advertisement

**Description:**

The improvements under this contract consist of installation of an Adaptive Signal Control System along SR 421.

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ALT	Item	Description	Unit	Quantity
<b>Section 0001 Signalization</b>				
	0101- 1-	MOBILIZATION (44252215201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44252215201)	LS	1.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,265.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	4,535.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	20.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	8.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	910.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	910.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	84.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	60.000
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	3.000
	0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	7.000
	0633- 3- 46	FIBER OPTIC CONNECTION HARDWARE, RELOCATE PATCH PANEL-FIELD TERMINATED	EA	3.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	15,845.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	43.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	3.000
	0660- 1-400	LOOP DETECTOR INDUCTIVE, RELOCATE	EA	8.000
	0660- 4- 60	VEHICLE DETECTION SYSTEM- VIDEO, REMOVE	EA	9.000
	0660- 6-121	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, CABINET EQUIPMENT	EA	5.000
	0660- 6-122	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	5.000
	0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	6.000
	0671- 2- 50	TRAFFIC CONTROLLER, RELOCATE- WITHOUT CABINET	EA	8.000
	0676- 1-117	TRAFFIC SIGNAL CONTROLLER CABINET, FURNISH & INSTALL WITHOUT CONTROLLER, NEMA SIZE7, 44" W x 72" H x 24" D	EA	8.000
	0676- 1-500	TRAFFIC SIGNAL CONTROLLER CABINET, ADJUST/MODIFY	EA	4.000
	0676- 1-600	TRAFFIC SIGNAL CONTROLLER CABINET, REMOVE	EA	8.000
	0680- 1-112	SYSTEM CONTROL EQUIPMENT, FURNISH & INSTALL, ADAPTIVE SIGNAL CONTROL SYSTEM- NEMA, CABINET EQUIPMENT	EA	14.000
	0680- 1-113	SYSTEM CONTROL EQUIPMENT, FURNISH & INSTALL, ADAPTIVE SIGNAL CONTROL SYSTEM- NEMA, ABOVE GROUND EQUIPMENT	EA	53.000
	0684- 1- 4	MANAGED FIELD ETHERNET SWITCH, RELOCATE	EA	10.000
	0684- 5- 1	MEDIA CONVERTER, FURNISH & INSTALL	EA	10.000
	0684- 6- 12	WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET SUBSCRIBER UNIT	EA	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44252215201)	LS	1.000