

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

Letting:	CT190522	Call Order: 012	Proposal: T5639	District:05
Counties:	DIST/ST-WIDE			
Road Name:	PED/SAFE GREENWAY DEPLOYMENT - ITS COMMUNICATION			
Limits:	AT VARIOUS LOCATIONS AS LISTED IN PLANS			
Project(s):	44082115201(*)	Federal Aid No: D518054B		
Total Roadway Length:	N/A Miles	Contract Days:	500	
Total Bridge Length:	N/A Miles	Letting Date:	05/22/19	
Total Proposal Length:	N/A Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	30 Calendar Days	
Proposal Budget Estimate:	\$9,566,911.00			

Please read the full advertisement

Description:

The improvements under this contract consist of an innovative pedestrian and bicycle collision avoidance system that utilizes connected vehicle (CV) technologies to reduce the occurrence of pedestrian and bicycle crashes at high crash rate locations as well as a program designed to increase throughput capacity and reduce congestion by optimizing traffic signal operations with the implementation of new technologies.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44082115201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44082115201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	13,036.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	36,152.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	1,662.000
	0102- 74- 7	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	LF	8,224.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	2,076.000
	0104- 10- 3	SEDIMENT BARRIER	LF	351.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	17.000
	0110- 1- 1	CLEARING & GRUBBING (44082115201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	114.000
	0120- 1-	REGULAR EXCAVATION	CY	11.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	135.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	31.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44082115201)	LS	1.000
Section 0002 Intelligent Transportation System				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	5,094.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	10,352.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	3,660.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	2,368.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	15.000

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	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	12.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	12.000
	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	24.000
	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	4.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	2.000
	0633- 3- 46	FIBER OPTIC CONNECTION HARDWARE, RELOCATE PATCH PANEL- FIELD TERMINATED	EA	1.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	140.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	139.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	6.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	2.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	51.000
	0639- 1-121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS	8.000
	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	5,802.000
	0639- 2- 4	ELECTRICAL SERVICE WIRE, RELOCATE	LF	15.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	9.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	18.000
	0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	6.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	4.000
	0641- 3-263	CONCRETE CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING DEVICE, 63'	EA	6.000
	0646- 2-112	ALUMINUM POLE- INDEX 17900/695-001, FURNISH & INSTALL, 12'	EA	12.000
	0646- 2-115	ALUMINUM POLE- INDEX 17900/695-001, FURNISH & INSTALL, 15'	EA	22.000
	0646- 2-130	ALUMINUM POLE- INDEX 17900/695-001, FURNISH & INSTALL, 30'	EA	2.000
	0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	1.000
	0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	2.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	247.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	331.000
	0660- 5- 11	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, FURNISH & INSTALL, CABINET EQUIPMENT	EA	1.000
	0660- 5- 12	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	4.000
	0660- 5- 13	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, FURNISH & INSTALL, IN-ROAD ELECTRONICS	EA	4.000
	0665- 1-901	PEDESTRIAN DETECTOR, FURNISH & INSTALL, THERMAL PASSIVE, PROJECT 440821-1-52-01	EA	92.000
	0670- 5-112	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 2 PREEMPTION	AS	1.000

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	0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	104.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	1.000
	0671- 2- 11	TRAFFIC CONTROLLER WITHOUT CABINET, F&I IN EXISTING CABINET, NEMA	EA	63.000
	0671- 2- 40	TRAFFIC CONTROLLER, MODIFY	EA	152.000
	0671- 2- 60	TRAFFIC CONTROLLER, REMOVE- CABINET TO REMAIN	EA	29.000
	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	4.000
	0676- 1-500	TRAFFIC SIGNAL CONTROLLER CABINET, ADJUST/MODIFY	EA	272.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	6.000
	0676- 2-142	ITS CABINET, FURNISH & INSTALL, BASE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	2.000
	0680- 1-500	SYSTEM CONTROL EQUIPMENT, ADJUST/MODIFY COMPLETE SYSTEM	EA	10.000
	0682- 1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	2.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	28.000
	0684- 1- 6	MANAGED FIELD ETHERNET SWITCH, REMOVE- CABINET TO REMAIN	EA	12.000
	0684- 6- 11	WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET ACCESS POINT	EA	12.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	8.000
	0685-507-	SYSTEM AUXILIARIES, POWER DISTRIBUTION UNIT- PROJECT 440821-1-52-01	EA	37.000
	0695- 8- 11	TRAFFIC MONITORING SITE COMMUNICATIONS MODEM FURNISH & INSTALL	EA	1.000
	0695-100- 1	CV PEDESTRIAN DETECTION SYSTEM- LIDAR DETECTOR, PROJECT 440821-1-52-01	EA	16.000
	0695-100- 2	CV PEDESTRIAN DETECTION SYSTEM- CABINET EQUIPMENT, PROJECT 440821-1-52-01	EA	6.000
	0751- 31- 12	TRANSIT KIOSK, FURNISH AND INSTALL SYSTEM	EA	11.000
	0751- 34- 1	PARKING LOT AVAILABILITY SYSTEM	EA	6.000
	0918-690- 5	CONNECTED VEHICLE EQUIPMENT, RSU- FURNISH & INSTALL, PROJECT 440821-1-52-01	EA	33.000
	0918-690- 6	CONNECTED VEHICLE EQUIPMENT, IN-CABINET RSE - INDUSTRIAL COMPUTER FURNISH & INSTALL, PROJECT 440821-1-52-01	EA	33.000