

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

Letting:	04180907	Call Order: 001	Proposal: E4T44	District:04
Counties:	DIST/ST-WIDE			
Road Name:	ITS SURVEILLANCE SYSTEM			
Limits:	Midpoint			
Project(s):	44176015201(*)	Federal Aid No: N/A		
Total Roadway Length:	0.000 Miles	Contract Days:	730	
Total Bridge Length:	0.000 Miles	Letting Date:	09/07/18	
Total Proposal Length:	0.000 Miles	Contract Execution Days:		
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	15	

Proposal Budget Estimate: \$100,000.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of Signalization and Intelligent Transportation Systems [i.e. new installation/construction of Intelligent Transportation Systems (ITS), modifications and enhancements of existing ITS, limited repairs and/or adjustments to existing ITS, and modifications or enhancements of existing Signalization system], throughout the District.

REQUIRED SUBMITTAL WITH BID: Experience in Intelligent Transportation Systems and Traffic Signals. Work experience form must be submitted with the bid.

WORK DRIVEN CONTRACT: SPLIT FUNDED \$50,000 FY 2019 AND \$50,000 FY 2020. The award amount and the contract performance bond shall be based on the budgeted amount of \$50,000.00 in Fiscal Year 2019 and \$50,000 in Fiscal Year 2020 for a total contract amount of \$100,000 and not the contractors bid total.

The quantities shown on the Bid Price Proposal are approximate and only represent estimated planned requirements based on historical or specific project needs. The Department does not guarantee any maximum or minimum quantity, any range of quantities, or the exact quantities shown for each bid item. The Department's estimated quantities and the Contractor's bid price will be used to calculate a total bid amount. This total bid amount will then be used to determine the low bidder; however, actual payment under the awarded contract will be based on actual quantities completed. For this Contract in which specific sites are not identified at the time of letting, the Engineer will issue a Work Document. Work Documents will identify the location, description, amount of work to be accomplished, and the number of calendar days to complete the work.

Work in fiscal year 2020 is contingent upon legislative budget approval of FY 2020 funds.

Bond Requirement: Upon award, furnish to the Department, and thereafter continue to furnish to the Department during the term of the Contract, a Payment and Performance Bond guaranteeing the contract obligations for each twelve -month period of the Contract.

No later than the date of Contract execution, provide to the Department a Payment and Performance Bond on Department Form No. 375-020-59 in a penal sum equal to the first years annual Contract amount under the Contract. Annually thereafter, between thirty and forty-five days prior to the contract anniversary date, provide to the Department a Payment and Performance Bond on Form No. 375-020-61 in a penal sum equal to the upcoming years annual Contract amount. Regardless of the number of separate bonds or bond continuations provided by the Surety hereunder, the Surety liability for each bond or bond continuation will be limited to the contract amount for the twelve-month period for which the bond or bond continuation is provided.

Obtain the Payment and Performance Bond from a Surety authorized to conduct business in the State of Florida. Each Payment and Performance Bond must be executed only on the forms provided by the Department. Failure to provide any of the required Payment and Performance Bonds to the Department within the aforementioned time frames will entitle the Department to annul the award, declare the Contractor in default, terminate the Contract, or decline to renew the Contract, all in the Departments sole discretion.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0102- 60-	WORK ZONE SIGN	ED	100.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	150.000
	0102- 74- 7	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	LF	40.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	50.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	20.000
Section 0002 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	4,000.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	6,000.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	100.000
	0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	100.000
	0633- 1-111	FIBER OPTIC CABLE, F&I, OVERHEAD,2-12 FIBERS	LF	20.000
	0633- 1-112	FIBER OPTIC CABLE, F&I, OVERHEAD,13-48 FIBERS	LF	20.000
	0633- 1-113	FIBER OPTIC CABLE, F&I, OVERHEAD,49-96 FIBERS	LF	20.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	100.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	100.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	100.000
	0633- 1-310	FIBER OPTIC CABLE, INSTALL, OVERHEAD	LF	20.000
	0633- 1-320	FIBER OPTIC CABLE, INSTALL, UNDERGROUND	LF	100.000
	0633- 1-410	FIBER OPTIC CABLE, RELOCATE, OVERHEAD	LF	20.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	100.000
	0633- 1-610	FIBER OPTIC CABLE, REMOVE, OVERHEAD	LF	20.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	100.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	24.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	12.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	1.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	1.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	1.000
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	1.000
	0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	1.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	1.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	1.000
	0633- 4- 1	SIGNALS COMMUNICATION CABLE- TWISTED PAIR CABLE, FURNISH & INSTALL	LF	1.000
	0633- 4- 6	SIGNALS COMMUNICATION CABLE- TWISTED PAIR CABLE, REMOVE	LF	1.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	1.000
	0633- 8- 6	MULTI-CONDUCTOR COMMUNICATION CABLE, REMOVE	LF	1.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	5.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	2.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	1.000
	0635- 3- 11	JUNCTION BOX, FURNISH & INSTALL, AERIAL	EA	1.000

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ALT	Item	Description	Unit	Quantity
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	1.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	5.000
	0639- 1-123	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER NOT REQUIRED	AS	1.000
	0639- 1-610	ELECTRICAL POWER SERVICE, REMOVE OVERHEAD	AS	1.000
	0639- 1-620	ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND	AS	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	5,250.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	5,250.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	15.000
	0639- 3- 60	ELECTRICAL SERVICE DISCONNECT, REMOVE- POLE OR CABINET TO REMAIN	EA	15.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	1.000
	0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	1.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1.000
	0641- 2- 13	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III	EA	1.000
	0641- 2- 14	PRESTRESSED CONCRETE POLE, F&I, TYPE P-IV	EA	5.000
	0641- 2- 30	PRESTRESSED CONCRETE POLE, INSTALL	EA	1.000
	0641- 2- 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	EA	1.000
	0641- 2- 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER	EA	5.000
	0641- 3-163	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 63'	EA	1.000
	0641- 3-169	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 69'	EA	1.000
	0641- 3-175	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 75'	EA	1.000
	0641- 3-180	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 80'	EA	1.000
	0641- 3-186	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 86'	EA	1.000
	0641- 3-263	CONCRETE CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING DEVICE, 63'	EA	1.000
	0641- 3-269	CONCRETE CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING DEVICE, 69'	EA	1.000
	0641- 3-275	CONCRETE CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING DEVICE, 75'	EA	1.000
	0641- 3-286	CONCRETE CCTV POLE, FURNISH & INSTALL WITH OUT LOWERING DEVICE, 86'	EA	1.000
	0641- 3-700	CONCRETE CCTV POLE, SHALLOW POLE REMOVAL	EA	1.000
	0641- 3-800	CONCRETE CCTV POLE, COMPLETE POLE REMOVAL	EA	1.000
	0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	5.000
	0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	5.000
	0660- 3- 41	VEHICLE DETECTION SYSTEM- MICROWAVE, RELOCATE CABINET EQUIPMENT	EA	1.000
	0660- 3- 42	VEHICLE DETECTION SYSTEM - MICROWAVE, RELOCATE, ABOVE GROUND EQUIPMENT	EA	1.000

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ALT	Item	Description	Unit	Quantity
	0660- 3- 51	VEHICLE DETECTION SYSTEM- MICROWAVE, ADJUST & MODIFY, CABINET EQUIPMENT	EA	1.000
	0660- 3- 52	VEHICLE DETECTION SYSTEM - MICROWAVE, ADJUST & MODIFY, ABOVE GROUND EQUIPMENT	EA	1.000
	0660- 3- 60	VEHICLE DETECTION SYSTEM - MICROWAVE, REMOVE, COMPLETE SYSTEM	EA	1.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	5.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	5.000
	0660- 4- 42	VEHICLE DETECTION SYSTEM- VIDEO, RELOCATE ABOVE GROUND EQUIPMENT	EA	5.000
	0660- 4- 60	VEHICLE DETECTION SYSTEM- VIDEO, REMOVE	EA	5.000
	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	1.000
	0660- 5- 13	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, FURNISH & INSTALL, IN-ROAD ELECTRONICS	EA	1.000
	0660- 5- 41	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, RELOCATE, CABINET EQUIPMENT	EA	1.000
	0660- 5- 42	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, RELOCATE, ABOVE GROUND EQUIPMENT	EA	1.000
	0660- 5- 60	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, REMOVE	EA	1.000
	0660- 6-111	VEHICLE DETECTION SYSTEM- AVI, TRANSPONDER, FURNISH & INSTALL, CABINET EQUIPMENT	EA	1.000
	0660- 6-112	VEHICLE DETECTION SYSTEM- AVI, TRANSPONDER, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	1.000
	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
	0660- 6-322	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH INSTALL, ABOVE GROUND EQUIPMENT	EA	5.000
	0660- 6-421	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, CABINET EQUIPMENT	EA	1.000
	0660- 6-422	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE GROUND EQUIPMENT	EA	1.000
	0660- 6-600	VEHICLE DETECTION SYSTEM- AVI, REMOVE COMPLETE SYSTEM	EA	1.000
	0676- 2-121	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336, 24" W X 36" H X 20" D	EA	5.000
Section 0003 Intelligent Transportation System				
	0654- 2- 11	RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- AC POWERED, COMPLETE SIGN ASSEMBLY- SINGLE DIRECTION	AS	1.000
	0654- 2- 21	RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR POWERED, COMPLETE SIGN ASSEMBLY- SINGLE DIRECTION	AS	1.000
	0663- 1-111	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, CABINET ELECTRONICS	EA	1.000
	0663- 1-112	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, DETECTOR	EA	1.000

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	0663- 1-121	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, REPLACE CABINET ELECTRONICS	EA	1.000
	0663- 1-122	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, DETECTOR	EA	1.000
	0663- 1-500	SIGNAL PRIORITY & PREEMPTION SYSTEM, ADJUST/MODIFY	EA	1.000
	0670- 5-141	TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL, MODEL 2070, 1 PREEMPTION	AS	1.000
	0670- 5-142	TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL, MODEL 2070, 2 PREEMPTION	AS	1.000
	0670- 5-151	TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL, ATC, 1 PREEMPTION	AS	1.000
	0670- 5-152	TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL, ATC, 2 PREEMPTION	AS	1.000
	0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	1.000
	0671- 2- 11	TRAFFIC CONTROLLER WITHOUT CABINET, F&I IN EXISTING CABINET, NEMA	EA	1.000
	0671- 2- 12	TRAFFIC CONTROLLER WITHOUT CABINET, FURNISH & INSTALL IN EXISTING CABINET, 170	EA	1.000
	0671- 2- 14	TRAFFIC CONTROLLER WITHOUT CABINET, FURNISH & INSTALL IN EXISTING CABINET, 2070	EA	1.000
	0671- 2- 40	TRAFFIC CONTROLLER, MODIFY	EA	1.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	5.000
	0676- 2-142	ITS CABINET, FURNISH & INSTALL, BASE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	5.000
	0676- 3- 10	SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D	EA	1.000
	0682- 1-111	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - PRESSURIZED, IP, ANALOG- STANDARD DEFINITION	EA	1.000
	0682- 1-112	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - PRESSURIZED, IP, STANDARD DEFINITION	EA	5.000
	0682- 1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	5.000
	0682- 1-114	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, THERMAL HYBRID	EA	1.000
	0682- 1-153	ITS CCTV CAMERA, F&I, STATIONARY, IP, HIGH DEFINITION	EA	1.000
	0682- 1-400	ITS CCTV CAMERA, RELOCATE	EA	1.000
	0682- 1-500	ITS CCTV CAMERA, ADJUST/MODIFY	EA	1.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	5.000
	0684- 1- 6	MANAGED FIELD ETHERNET SWITCH, REMOVE- CABINET TO REMAIN	EA	1.000
	0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	1.000
	0684- 2- 6	DEVICE SERVER, REMOVE- CABINET TO REMAIN	EA	1.000
	0684- 3- 11	DIGITAL VIDEO ENCODER WITH SOFTWARE DECODER FURNISH & INSTALL HARDENED ENCODER	EA	1.000
	0684- 5- 1	MEDIA CONVERTER, FURNISH & INSTALL	EA	1.000
	0684- 5- 6	MEDIA CONVERTER, REMOVE- CABINET TO REMAIN	EA	1.000
	0684- 6- 11	WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET ACCESS POINT	EA	1.000
	0684- 6- 12	WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET SUBSCRIBER UNIT	EA	1.000

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	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	1.000