

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

Letting: 04230505      Call Order: 010      Proposal: E4W71      District:04

Counties: DIST/ST-WIDE

Road Name: CAV RAILROAD CRASH AVOIDANCE - TRAFFIC CONTROL SYSTEM

Limits: 86014000

Project(s): 44974015201(\*)      Federal Aid No: N/A

Total Roadway Length:	0.680 Miles	Contract Days:	82
Total Bridge Length:	0.000 Miles	Letting Date:	05/05/23
Total Proposal Length:	0.680 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	120

Proposal Budget Estimate: \$952,303.00

Please read the full advertisement

**Description:**

The Improvements under this Contract consist of, but are not limited to, MOT, ITSFM documentation (subsurface, location), conduit (open trench, directional bore), fiber optic (underground, splice, connector, patch), pull/splice box, electrical (overhead service, underground service, service wire, service disconnect, power, uninterruptible power supply, remote power management), concrete (prestressed pole, CCTV pole), ITS (cabinet, CCTV camera, managed field ethernet), and tree protection at the following intersections with State Road 5 (I-95): State Road 858 (Hallandale Beach Boulevard; Town of Pembroke Park, Broward County), State Road 820 (Hollywood Boulevard; the City of Hollywood, Broward County), State Road 870 (Commercial Boulevard; the City of Fort Lauderdale, Broward County), and State Road 882 (Forest Hill Boulevard; the Town of Lake Clark Shores, Palm Beach County), for a total project length of 0.680 miles.

PRE-QUALIFIED: Contractor needs to be pre-qualified.

PERFORMANCE BOND: A Contract / Performance bond is required for this project.

**COMMERCIAL GENERAL LIABILITY INSURANCE:**

The coverage afforded to the Department as an Additional Insured shall be primary as to any other available insurance and shall not be more restrictive than the coverage afforded to the Named Insured. The limits of coverage shall not be less than \$1,000,000 for each occurrence and not less than a \$5,000,000 annual general aggregate, inclusive of amounts provided by an umbrella or excess policy. The limits of coverage described herein shall apply fully to the work or operations performed under the Contract, and may not be shared with or diminished by claims unrelated to the contract. The policy/ies and coverage described herein may be subject to a deductible. Pay all deductibles as required by the policy. No policy/ies or coverage described herein may contain or be subject to a 74 July 2022 Retention or a Self-Insured Retention. Prior to the execution of the Contract, and at all renewal periods which occur prior to final acceptance of the work, the Department shall be provided with an ACORD Certificate of Liability Insurance reflecting the coverage described herein.

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ALT	Item	Description	Unit	Quantity
<b>Section 0001 Roadway</b>				
	0101- 1-	MOBILIZATION (44974015201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44974015201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	1,218.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	1,778.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	162.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	228.000
	0102-115-	TYPE III BARRICADE	ED	162.000
	0110- 21-	TREE PROTECTION BARRIER	LF	80.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44974015201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
<b>Section 0002 Intelligent Transportation System</b>				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	0.053
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	4.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	195.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,530.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	2,575.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	112.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	4.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	8.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	4.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	4.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	4.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	12.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	8.000
	0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS	1.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	3.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	880.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	4.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	4.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	3.000
	0641- 3-163	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 63'	EA	4.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	4.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	4.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	4.000
	0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	EA	4.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	4.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	4.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	4.000
	0920-681-100	CONNECTED VEHICLE ROAD SIDE UNIT	EA	4.000