

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

Letting: 08200831 Call Order: 001 Proposal: E8S50 District:08

Counties: HILLSBOROUGH, TURNPIKE

Road Name: TURNPIKE DMS and CCTV INSTALLATIONS

Limits: 18470000

Project(s): 44262115201 Federal Aid No: N/A

Project(s): 44363425201 Federal Aid No: N/A

Project(s): 44363435201 Federal Aid No: N/A

Project(s): 44387825201(*) Federal Aid No: N/A

Total Roadway Length:	225.572 Miles	Contract Days:	488
Total Bridge Length:	0.000 Miles	Letting Date:	08/31/20
Total Proposal Length:	225.572 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	30

Proposal Budget Estimate: \$9,069,803.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for New DMS Sign Installations at Northern Service Plazas (SR 91 MM 229.940 - MM 302.040 and SR 408 MM 1.155 - MM 1.357) in Osceola County, Orange County, and Sumter County; Northern Turnpike CCTV Camera Installation (SR 91 MM 242.300 - MM 285.700, SR 417 MM 37.600 - MM 54.500, and SR 570 MM 0.100 - 0.200) in Osceola County, Orange County, Lake County, Seminole County, and Polk County; Western Turnpike CCTV Camera Installation (SR 570 MM 2.800 - MM 18.600) in Hillsborough County and Pasco County; and Veterans Expressway Arterial DMS Improvements (SR 580 MP 6.7 – MP 7.9, 7900 – 6500 Linebaugh Avenue, and 8400 Citrus Park Drive – 6600 Gunn Highway) in Hillsborough County. No Pre-Bid Conference. Contractor must be prequalified.

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

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44262115201)	LS	1.000
	0101- 1-	MOBILIZATION (44363425201)	LS	1.000
	0101- 1-	MOBILIZATION (44363435201)	LS	1.000
	0101- 1-	MOBILIZATION (44387825201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44262115201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44363425201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44363435201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44387825201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	1,216.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	3,750.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	760.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	92.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	495.000
	0102-115-	TYPE III BARRICADE	ED	3.000
	0104- 10- 3	SEDIMENT BARRIER	LF	5,548.000
	0107- 1-	LITTER REMOVAL	AC	40.320

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ALT	Item	Description	Unit	Quantity
	0107- 2-	MOWING	AC	40.320
	0110- 1- 1	CLEARING & GRUBBING (44262115201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44363425201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	71.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	100.000
	0550- 60-122	FENCE GATE, TYPE A, DOUBLE, 6.1-12.0' OPENING	EA	1.000
	0999- 16-	PARTNERING, DO NOT BID (44387825201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44262115201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44363425201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44363435201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44387825201)	LS	1.000
Section 0002 Signing				
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	1.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	3.000
	0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	1.000
	0700- 8-135	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, FULL COLOR, 51-100 SF	EA	6.000
	0700- 8-136	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- W/UPS, FULL COLOR, 101-200 SF	EA	6.000
	0700- 9-137	WALK-IN DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS FULL COLOR, 201-300 SF	EA	4.000
	0700- 9-400	WALK-IN DYNAMIC MESSAGE SIGN, INSTALL	EA	1.000
	0700- 10-121	DMS SUPPORT STRUCTURE, CANTILEVER, UP TO 20 FT	EA	2.000
	0700- 10-122	DMS SUPPORT STRUCTURE, CANTILEVER, 21-30 FT	EA	6.000
	0700- 10-123	DMS SUPPORT STRUCTURE, CANTILEVER, 31-40 FT	EA	3.000
	0700- 10-124	DMS SUPPORT STRUCTURE, CANTILEVER, 41-50 FT	EA	6.000
	0700- 11-600	ELECTRONIC DISPLAY SIGN, REMOVE- GROUND MOUNT	AS	1.000
Section 0003 Intelligent Transportation System				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	40,312.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	20,652.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	2,370.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	9,924.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	56,945.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	380.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	958.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	390.000
	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	113.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	834.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	53.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	75.000
	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	21.000
	0633- 3- 52	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE TRAY	EA	16.000

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	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	1,471.000
	0633- 8- 6	MULTI-CONDUCTOR COMMUNICATION CABLE, REMOVE	LF	3,404.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	227.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	133.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	3.000
	0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS	2.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	14.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	53,841.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	8,351.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	65.000
	0639- 3- 60	ELECTRICAL SERVICE DISCONNECT, REMOVE- POLE OR CABINET TO REMAIN	EA	7.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	29.000
	0639- 6- 2	ELECTRICAL POWER SERVICE- TRANSFORMER, REPLACE EXISTING	EA	2.000
	0639- 8- 33	ELECTRICAL POWER SERVICE- CONTRIBUTION IN AID OF CONSTRUCTION (CIAC), PROJECT 443878-2-52-01, ETC., TECO (DO NOT BID) (44387825201)	LS	1.000
	0639- 8- 34	ELECTRICAL POWER SERVICE- CONTRIBUTION IN AID OF CONSTRUCTION (CIAC), PROJECT 443878-2-52-01, ETC., DUKE (DO NOT BID) (44387825201)	LS	1.000
	0639- 8- 35	ELECTRICAL POWER SERVICE- CONTRIBUTION IN AID OF CONSTRUCTION (CIAC), PROJECT 443878-2-52-01, ETC., SECO (DO NOT BID) (44387825201)	LS	1.000
	0639- 8- 36	ELECTRICAL POWER SERVICE- CONTRIBUTION IN AID OF CONSTRUCTION (CIAC), PROJECT 443878-2-52-01, ETC., FPL (DO NOT BID) (44387825201)	LS	1.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	29.000
	0641- 2- 13	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III	EA	6.000
	0641- 2- 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER	EA	4.000
	0641- 3-163	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 63'	EA	4.000
	0641- 3-169	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 69'	EA	17.000
	0641- 3-175	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 75'	EA	8.000
	0641- 3-901	CONCRETE CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING DEVICE, 43' PROJECT 443634-3-52-01	EA	1.000
	0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	4.000
	0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	4.000
	0660- 6-121	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, CABINET EQUIPMENT	EA	4.000
	0660- 6-122	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	4.000
	0660- 6-421	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, CABINET EQUIPMENT	EA	2.000

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ALT	Item	Description	Unit	Quantity
	0660- 6-422	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE GROUND EQUIPMENT	EA	2.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	18.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	6.000
	0676- 2-801	ITS CABINET, FURNISH & INSTALL, BASE MOUNT WITH SUNSHIELD, P4400/332D, 44" W x 56" H x 29" D, PROJECT 443878-2-52-01	EA	11.000
	0676- 3- 10	SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D	EA	7.000
	0676- 3- 60	SMALL EQUIPMENT ENCLOSURE, REMOVE- POST/CABINET TO REMAIN	EA	1.000
	0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	EA	39.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	35.000
	0684- 1- 5	MANAGED FIELD ETHERNET SWITCH, ADJUST / MODIFY	EA	2.000
	0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	4.000
	0684- 5- 1	MEDIA CONVERTER, FURNISH & INSTALL	EA	10.000
	0685- 1- 12	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION	EA	29.000
	0685-512-	SYSTEM AUXILIARIES, POWER DISTRIBUTION UNIT- 443878-2-52-01 , ETC	EA	29.000