

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

Letting: 05240507 Call Order: 014 Proposal: E57B2 District:05

Counties: SEMINOLE

Road Name: SR 46

Limits: 77040000

Project(s): 44531615201(*)

Federal Aid No: N/A

Total Roadway Length:	1.022 Miles	Contract Days:	350
Total Bridge Length:	0.000 Miles	Letting Date:	05/07/24
Total Proposal Length:	1.022 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	90

Proposal Budget Estimate: \$5,936,474.00

Please read the full advertisement

Description:

SR 46 FROM US 17/92 TO MELLONVILLE AVE - RESURFACING

The Improvements under this Contract consist of rehabilitating the existing asphalt, relocating curb and gutter, reconstructing sidewalk, drainage modifications, constructing new median islands with landscaping, and lighting for pedestrians along State Road 46 from US 17/92 (MP 0.000) to Mellonville Avenue (MP 1.251), in Seminole County.

Railroad insurance required.

PREQUALIFICATION REQUIRED

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44531615201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44531615201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	328.000
	0102- 60-	WORK ZONE SIGN	ED	38,501.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	3,915.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	517.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	179,960.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	1,172,246.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	1,384.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	692.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	1,384.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	1,384.000
	0102-115-	TYPE III BARRICADE	ED	2,676.000
	0104- 10- 3	SEDIMENT BARRIER	LF	2,910.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	67.000
	0107- 1-	LITTER REMOVAL	AC	62.120
	0107- 2-	MOWING	AC	17.980
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44531615201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0110- 1- 1	CLEARING & GRUBBING (44531615201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	4,629.000
	0120- 1-	REGULAR EXCAVATION	CY	261.500
	0120- 6-	EMBANKMENT	CY	6,285.500
	0286- 1-	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS	SY	70.000
	0327- 70- 2	MILLING EXISTING ASPHALT PAVEMENT, 3 1/2" AVG DEPTH	SY	33,365.000
	0327- 70- 5	MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH	SY	3,872.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	8,712.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	3,617.300
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76 -22	TN	3,828.100
	0425- 1-331	INLETS, CURB, TYPE P-3, <10'	EA	1.000
	0425- 1-335	INLETS, CURB, TYPE P-3, PARTIAL	EA	1.000
	0425- 1-345	INLETS, CURB, TYPE P-4, PARTIAL	EA	1.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	1.000
	0425- 1-365	INLETS, CURB, TYPE P-6, PARTIAL	EA	1.000
	0425- 1-465	INLETS, CURB, TYPE J-6, PARTIAL	EA	1.000
	0425- 1-485	INLETS, CURB, TYPE 8, PARTIAL	EA	2.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	12.000
	0425- 2- 43	MANHOLES, P-7, PARTIAL	EA	12.000
	0425- 5-	MANHOLE, ADJUST	EA	1.000
	0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	8.000
	0425- 6-	VALVE BOXES, ADJUST	EA	19.000
	0430-175-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD	LF	135.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	102.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	2,978.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	6,311.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	800.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	3,919.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1,632.000
	0527- 2-	DETECTABLE WARNINGS	SF	949.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	2,378.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	112.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	3.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	4.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	4.000
	0695- 7-162	TRAFFIC MONITORING SITE CABINET, F&I, TYPE 3, 2 PANE BACK, PEDESTAL MOUNT	EA	1.000
	0695- 7-600	TRAFFIC MONITORING SITE CABINET, REMOVE EXISTING CABINET	EA	2.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	2,719.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	8.224
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	9,536.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	1,213.000

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	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	5.101
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.597
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	15.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	96.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	7.022
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.064
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44531615201)	LS	1.000
Section 0002 Signing				
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	49.000
	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	4.000
	0700- 1-113	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	2.000
	0700- 1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	18.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	15.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	17.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	4.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	1,275.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44531615201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	4,554.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	17.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	875.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.253
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	4.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	61.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	274.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1,787.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	10.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	9.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	3.563
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.043
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	1.644
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	2.588
Section 0003 Lighting				
	0715- 11-211	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD	EA	1.000

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Section 0004 Signalization				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	1.124
	0611- 2- 1	ITSFM LOCATION DOCUMENTATION- INTERSECTION	EA	4.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,736.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,296.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	3.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	3.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	350.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	78.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	24.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	4.000
	0650- 1- 70	VEHICULAR TRAFFIC SIGNAL, RELOCATE- INCLUDES REMOVAL AND REINSTALLATION	AS	6.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	24.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	16.000
	0660- 1-109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	EA	44.000
	0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	32.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	31.000
	0665- 1- 12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	EA	24.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	8.000
	0700- 3-502	SIGN PANEL, RELOCATE, 12-20 SF	EA	1.000
	0700-141-360	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I OVERHEAD MOUNT, BLANK OUT SIGN <12 SF	EA	1.000
Section 0005 Landscape / Peripheral				
	0580- 1- 2	LANDSCAPE COMPLETE- LARGE PLANTS (44531615201)	LS	1.000