

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting:	CT250611	Call Order: 005	Proposal: T5852	District:05
Counties:	LAKE			
Road Name:	SR 500 (US 441)			
Limits:	FROM MILLS ST TO COLLEGE DR			
Project(s):	44873515201(*)	Federal Aid No:	D524099B	
Total Roadway Length:	4.210 Miles	Contract Days:	270	
Total Bridge Length:	0.000 Miles	Letting Date:	06/11/25	
Total Proposal Length:	4.210 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	60 Days	
Proposal Budget Estimate:	\$11,101,707.00			

Please read the full advertisement

Description:

The Improvements under this Contract consist of milling and resurfacing, base work, shoulder treatment, drainage improvements, curb & gutters, traffic signals, sidewalks/bicycle path, guardrail, highway signing, and other incidental construction of 4.210 miles of SR 500/US 441 in Lake County from Mills Street to College Drive.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44873515201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44873515201)	LS	1.000
	0102- 3-	COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE	CY	5.300
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (44873515201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	136.000
	0102- 25-100	PEDESTRIAN ESCORT OPERATION	HR	1,008.000
	0102- 60-	WORK ZONE SIGN	ED	23,976.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	474.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	33,716.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	2,296.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	808.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	568.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	540.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	540.000
	0102-115-	TYPE III BARRICADE	ED	72.000
	0104- 10- 3	SEDIMENT BARRIER	LF	4,448.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	2.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	216.000
	0107- 1-	LITTER REMOVAL	AC	600.000
	0107- 2-	MOWING	AC	600.000
	0110- 1- 1	CLEARING & GRUBBING (44873515201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	836.000

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	0110- 7- 1	MAILBOX, F&I SINGLE	EA	3.000
	0120- 1-	REGULAR EXCAVATION	CY	407.300
	0120- 6-	EMBANKMENT	CY	451.600
	0160- 4-	TYPE B STABILIZATION	SY	2,931.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	431.000
	0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	28.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	1,542.000
	0327- 70- 5	MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH	SY	200,534.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	5,726.000
	0327- 70- 7	MILLING EXISTING ASPHALT PAVEMENT, 4" AVG DEPTH	SY	21,854.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	3,134.500
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76 -22	TN	24,551.200
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	1.500
	0425- 1-523	INLETS, DT BOT, TYPE C, JBOT, <10'	EA	1.000
	0425- 1-525	INLETS, DITCH BOTTOM, TYPE C, PARTIAL	EA	1.000
	0425- 5-	MANHOLE, ADJUST	EA	19.000
	0430-174-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24"SD	LF	100.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	18.000
	0430-984-629	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 24" SD	EA	12.000
	0515- 2-111	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE 1	LF	15.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	340.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	963.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	5.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	155.000
	0521- 1- 13	MEDIAN CONCRETE BARRIER, TALL GRADE-SEPARATED	LF	311.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	772.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	628.000
	0527- 2-	DETECTABLE WARNINGS	SF	1,004.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	67.000
	0536- 6-	PIPE RAIL FOR GUARDRAIL	LF	37.000
	0536- 73-	GUARDRAIL REMOVAL	LF	76.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	1.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	4,388.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	6.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	207.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	6.000
	0641- 2- 80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	EA	1.000
	0646- 2-120	ALUMINUM POLE- INDEX 695-001, FURNISH & INSTALL, 20'	EA	1.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	12.000
	0695- 5- 1	TRAFFIC MONITORING SITE SOLAR POWER UNIT, FURNISH & INSTALL	EA	1.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	12.000

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	0695- 7-162	TRAFFIC MONITORING SITE CABINET, F&I, TYPE 3, 2 PANE BACK, PEDESTAL MOUNT	EA	1.000
	0695- 7-173	TRAFFIC MONITORING SITE CABINET, FURNISH & INSTALL, TYPE 4, 2 PLANE BACK, POLEMOUNT	EA	1.000
	0695- 8- 11	TRAFFIC MONITORING SITE COMMUNICATIONS MODEM FURNISH & INSTALL	EA	1.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	418.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	13.941
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	4,310.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	889.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	15.568
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	15.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	178.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	7.890
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.376
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44873515201)	LS	1.000
Section 0002 Signing				
	0546- 72- 3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	GM	2.663
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	100.000
	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	46.000
	0700- 1-113	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	20.000
	0700- 1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	3.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	147.000
	0700- 2-113	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	8.000
	0700- 2-114	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 30.1-50.0 SF	EA	2.000
	0700- 2-600	MULTI-COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	12.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	14.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	55.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	14.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	24.000
	0704- 1- 3	TUBULAR MARKER, 36" WHITE POST	EA	38.000
	0704- 1- 4	TUBULAR MARKER, 36" YELLOW POST	EA	41.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	12.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	3,527.000
	0710- 12-290	PAINTED PAVEMENT MARKINGS, DURABLE PAINT, YELLOW, ISLAND NOSE	SF	337.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44873515201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	4,310.000

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	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	605.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	889.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.376
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	15.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	178.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	256.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.744
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1,948.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	47.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	47.000
	0711- 14-760	THERMOPLASTIC, PREFORMED, MULTI COLOR, IN PAVEMENT WARNING	EA	2.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	13.944
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.763
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	15.568
	0711- 16-171	THERMOPLASTIC, STANDARD OTHER SURFACES, WHITE, 6", 6-10 DOTTED MANAGED LANE MARKING	GM	0.777
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	7.890
	0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	921.000
Section 0003 Signalization				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	4.210
	0611- 2- 1	ITSFM LOCATION DOCUMENTATION- INTERSECTION	EA	2.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	349.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	634.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	2.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	2.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	31.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	24.000
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	2.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	2.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	270.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	32.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	55.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	8.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	3.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	3.000

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	0650- 2-109	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT-FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED	EA	24.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	8.000
	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	2.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	8.000
	0660- 4- 60	VEHICLE DETECTION SYSTEM- VIDEO, REMOVE	EA	1.000
	0663- 1-400	SIGNAL PRIORITY & PREEMPTION SYSTEM, RELOCATE	EA	2.000
	0665- 1- 12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	EA	16.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	8.000
	0671- 2- 50	TRAFFIC CONTROLLER, RELOCATE- WITHOUT CABINET	EA	2.000
	0676- 1-116	TRAFFIC SIGNAL CONTROLLER CABINET, FURNISH & INSTALL WITHOUT CONTROLLER, NEMA SIZE6, 44" W X 52" H X 24" D	EA	2.000
	0676- 1-600	TRAFFIC SIGNAL CONTROLLER CABINET, REMOVE	EA	2.000
	0684- 1- 4	MANAGED FIELD ETHERNET SWITCH, RELOCATE	EA	2.000
	0685- 1- 13	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET	EA	2.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	2.000