

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

Letting:	05230606	Call Order: 014	Proposal: E59B7	District:05
Counties:	VOLUSIA			
Road Name:	SR 415			
Limits:	79120000			
Project(s):	44290715201(*)	Federal Aid No: N/A		
Project(s):	44892115201	Federal Aid No: N/A		
Total Roadway Length:	13.702 Miles	Contract Days:	250	
Total Bridge Length:	0.068 Miles	Letting Date:	06/06/23	
Total Proposal Length:	13.770 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	30	
Proposal Budget Estimate:	\$10,532,039.00			

Please read the full advertisement

**Description:**

The Improvements under this Contract consist of milling and resurfacing, cross-slope correction, widening, and some other minor roadside improvements on State Road 415 from MP 7.444(North of Acorn Lake) to MP 17.590 (SR 44) for approximately 10 miles in Volusia County. The project will utilize Automated Machine Guidance (AMG) for all milling and overbuild paving operations.

**PREQUALIFICATION REQUIRED**

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ALT	Item	Description	Unit	Quantity
<b>Section 0001 Structures</b>				
	0400-153-	NON SHRINK GROUT, F&I, MISCELLANEOUS- STRUCTURES REHAB	CF	15.000
	0403- 1-100	EPOXY CONCRETE OVERLAY FOR CONCRETE BRIDGE DECKS	SY	2,612.000
	0403- 2-100	RESTORE SPALLED AREAS FOR CONCRETE BRIDGE DECKS	CF	15.000
	0458- 1- 21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	LF	1,048.000
	0530- 3- 3	RIPRAP- RUBBLE, BANK AND SHORE	TN	79.600
	0530- 74-	BEDDING STONE	TN	15.000
<b>Section 0002 Roadway</b>				
	0101- 1-	MOBILIZATION (44290715201)	LS	1.000
	0101- 1-	MOBILIZATION (44892115201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44290715201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44892115201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	1,060.000
	0102- 60-	WORK ZONE SIGN	ED	4,734.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	25,040.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	500.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,296.000
	0102-909-	TEMPORARY RAISED RUMBLE STRIPS- PER DAY, INCLUDES ALL SETS AND RELOCATIONS	DA	356.000
	0104- 10- 3	SEDIMENT BARRIER	LF	32,963.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	120.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	10.000
	0107- 1-	LITTER REMOVAL	AC	839.720

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ALT	Item	Description	Unit	Quantity
	0107- 2-	MOWING	AC	751.340
	0110- 1- 1	CLEARING & GRUBBING (44290715201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	817.000
	0110- 7- 1	MAILBOX, F&I SINGLE	EA	29.000
	0120- 1-	REGULAR EXCAVATION	CY	1,584.200
	0120- 6-	EMBANKMENT	CY	1,736.800
	0160- 4-	TYPE B STABILIZATION	SY	6,596.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	3,741.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	1,890.000
	0327- 70- 2	MILLING EXISTING ASPHALT PAVEMENT, 3 1/2" AVG DEPTH	SY	66,279.000
	0327- 70- 4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY	14,531.000
	0327- 70- 5	MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH	SY	41,435.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	25,118.000
	0327- 70- 7	MILLING EXISTING ASPHALT PAVEMENT, 4" AVG DEPTH	SY	4,601.000
	0327- 70- 16	MILLING EXISTING ASPHALT PAVEMENT, 1/2" AVG DEPTH	SY	269.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	14,552.700
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	17,010.600
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	74.400
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	116.000
	0430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD	LF	139.000
	0430-174-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24"SD	LF	197.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	33.000
	0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	48.000
	0430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 18"S/CD	LF	96.000
	0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	3.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	5.000
	0430-982-625	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 18" CD	EA	4.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	8.000
	0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA	8.000
	0430-984-629	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 24" SD	EA	4.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	527.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	2,363.000
	0536- 8-122	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I-INDEX 536-002, APPROACH TL-3	EA	12.000
	0536- 73-	GUARDRAIL REMOVAL	LF	2,255.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	11.000
	0536- 85- 26	GUARDRAIL END TREATMENT- TYPE CRT	EA	1.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	23,791.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	15.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	3.000
	0695- 7-600	TRAFFIC MONITORING SITE CABINET, REMOVE EXISTING CABINET	EA	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44290715201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44892115201)	LS	1.000

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<b>Section 0003 Signing</b>				
	0546- 72- 3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	GM	37.037
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	19.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	2.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	1.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	2.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	5.000
	0705- 10- 3	OBJECT MARKER, TYPE 3	EA	9.000
	0705- 11- 2	DELINEATOR, NON-FLEXIBLE	EA	37.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	2,802.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	85.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	0.093
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44290715201)	LS	1.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	108.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	219.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.136
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	2.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	13.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	448.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	2.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	20.550
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.036
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.093
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	11.142
	0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	5.065
	0920-714-100	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE	SF	235.000