

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

Letting: 05230404	Call Order: 003	Proposal: E55B7	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:	04/04/23
Total Proposal Length:	13.770 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	30
Proposal Budget Estimate:	\$10,148,040.00		

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. 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- 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
	0107- 2-	MOWING	AC	751.340

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ALT	Item	Description	Unit	Quantity
	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- 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
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44290715201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44892115201)	LS	1.000
<b>Section 0003 Signing</b>				
	0546- 72- 3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	GM	35.921
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	19.000

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ALT	Item	Description	Unit	Quantity
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	2.000
	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- 11-131	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	57.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	216.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.124
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	2.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	10.000
	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	0.383
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.018
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.050
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.244
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.092
	0713-103-231	PERMANENT TAPE, YELLOW, 10-30 SKIP/ 3-9 DOTTED, 6" FOR CONCRETE SURFACES	GM	0.030
	0920-714-100	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE	SF	235.000