

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

Letting: 05240104 Call Order: 002 Proposal: E50F5 District:05

Counties: BREVARD

Road Name: SR 405

Limits: 70160000

Project(s): 44316915201(*)

Federal Aid No: N/A

Total Roadway Length:	1.410 Miles	Contract Days:	290
Total Bridge Length:	0.000 Miles	Letting Date:	01/04/24
Total Proposal Length:	1.410 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	30

Proposal Budget Estimate: \$5,547,431.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of resurfacing, minor widening at turn lanes to provide bicycle key holes, minor drainage improvements, sidewalk, transit, and pedestrian features on State Road 405 from North Bobbi Lane to North of Swan Lake Drive, approximately 1.41 miles in Brevard County. Speed management strategies including horizontal deflection, raised spot medians, hardened center lines, lane width reduction, removal of Two-Way Left-Turn Lanes (TWLTL), and speed advisory signs will also be implemented.

PREQUALIFICATION REQUIRED

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44316915201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44316915201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (44316915201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (44316915201)	LS	1.000
	0102- 3-	COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE	CY	13.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (44316915201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	80.000
	0102- 60-	WORK ZONE SIGN	ED	20,910.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	760.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	3,550.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	17,610.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	106,980.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	150.000
	0102- 78- 1	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER, TYPE D	EA	3,224.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	608.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	290.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	290.000
	0102-115-	TYPE III BARRICADE	ED	150.000
	0104- 10- 3	SEDIMENT BARRIER	LF	10,070.000

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ALT	Item	Description	Unit	Quantity
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	2.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	2.000
	0107- 1-	LITTER REMOVAL	AC	167.490
	0107- 2-	MOWING	AC	167.490
	0110- 1- 1	CLEARING & GRUBBING (44316915201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	1,076.000
	0110- 7- 1	MAILBOX, F&I SINGLE	EA	6.000
	0120- 1-	REGULAR EXCAVATION	CY	3,119.000
	0120- 6-	EMBANKMENT	CY	3,400.000
	0160- 4-	TYPE B STABILIZATION	SY	8,369.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	3,190.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	2,724.000
	0286- 1-	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS	SY	56.000
	0327- 70- 2	MILLING EXISTING ASPHALT PAVEMENT, 3 1/2" AVG DEPTH	SY	25,097.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	5,488.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	4,187.800
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76 -22	TN	3,916.800
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	5.000
	0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	1.000
	0425- 6-	VALVE BOXES, ADJUST	EA	3.000
	0430-174-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD	LF	141.000
	0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	659.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	18.000
	0430-530-100	STRAIGHT CONCRETE ENDWALLS, 30", SINGLE, 0 DEGREES, ROUND	EA	1.000
	0430-984-129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	2.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	3,701.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	2,117.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	315.000
	0527- 2-	DETECTABLE WARNINGS	SF	428.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	21,805.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	4.912
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	1,082.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	42.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	234.000
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.452
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	39.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	4.858
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	387.000
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.331

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ALT	Item	Description	Unit	Quantity
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44316915201)	LS	1.000
Section 0002 Signing				
	0546- 72- 3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	GM	2.272
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	46.000
	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	7.000
	0700- 1-113	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	1.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	37.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	20.000
	0700-142-131	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, W/EDS, UP TO 12 SF OF STATIC SIGN PANELS	EA	2.000
	0704- 1- 2	TUBULAR MARKER, DURABLE, 36" YELLOW POST	EA	20.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	7.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	11.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	885.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44316915201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1,082.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	42.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	234.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.452
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	39.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	387.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.313
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	309.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	3.466
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	3.119
Section 0003 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	145.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	225.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	1.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	22.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	8.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	2.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	8.000
	0650- 1- 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	2.000

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	0650- 1- 60	VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN	AS	8.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	8.000
	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	2.000
	0660- 9- 11	TRAFFIC DATA DETECTION SYSTEM- VIDEO, FURNISH AND INSTALL, CABINET EQUIPMENT	EA	1.000
	0660- 9- 12	TRAFFIC DATA DETECTION SYSTEM- VIDEO, FURNISH AND INSTALL, ABOVE GROUND EQUIPMENT	EA	1.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	8.000
	0676- 1-500	TRAFFIC SIGNAL CONTROLLER CABINET, ADJUST/MODIFY	EA	1.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	1.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	4.000
	0700- 5- 60	INTERNALLY ILLUMINATED SIGN, REMOVE	EA	4.000