

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

Letting:	05220301	Call Order: 003	Proposal: E59A8	District:05
Counties:	ORANGE			
Road Name:	WB I-4			
Limits:	75280168			
Project(s):	44417515201(*)	Federal Aid No:	N/A	
Total Roadway Length:	0.500 Miles	Contract Days:	190	
Total Bridge Length:	0.000 Miles	Letting Date:	03/01/22	
Total Proposal Length:	0.500 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	30 Lead	

Proposal Budget Estimate: \$1,615,974.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of milling and resurfacing of the travel lanes, turn lanes, paved shoulders and medians on southbound CR 423 from the westbound SR 400 (I-4) off-ramp to LB McLeod Road in Orange County. Pavement widening is included on the westbound SR 400 (I-4) off-ramp at CR 423 and the left turn lane at CR 423 and LB McLeod Road. Additional work includes curb ramp reconstruction, traffic separator construction, drainage improvements, signing and pavement marking improvements, traffic signal upgrades, pedestrian lighting improvements and installation of a Wrong Way Driving system at the westbound SR 400 (I-4) off-ramp.

PREQUALIFICATION REQUIRED

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44417515201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44417515201)	LS	1.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (44417515201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	147.000
	0102- 60-	WORK ZONE SIGN	ED	11,249.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	192.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	68,535.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	42,887.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	171.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,150.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	570.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	570.000
	0102-115-	TYPE III BARRICADE	ED	6.000
	0102-913- 24	REMOVABLE TAPE, WHITE, 12" CROSSWALK	LF	159.000
	0104- 10- 3	SEDIMENT BARRIER	LF	467.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	18.000
	0107- 1-	LITTER REMOVAL	AC	22.130
	0107- 2-	MOWING	AC	15.680
	0110- 1- 1	CLEARING & GRUBBING (44417515201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	471.000

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	0120- 1-	REGULAR EXCAVATION	CY	396.400
	0120- 6-	EMBANKMENT	CY	296.400
	0160- 4-	TYPE B STABILIZATION	SY	527.000
	0285-712-	OPTIONAL BASE, BASE GROUP 12	SY	527.000
	0327- 70- 4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY	1,245.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	9,576.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	160.000
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	924.800
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	1.000
	0425- 5-	MANHOLE, ADJUST	EA	1.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	4.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	1,508.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	85.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	307.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	47.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	326.000
	0527- 2-	DETECTABLE WARNINGS	SF	102.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	4.000
	0530- 74-	BEDDING STONE	TN	2.900
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	1,438.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	75.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.514
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	816.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	147.000
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.039
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	3.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44417515201)	LS	1.000
Section 0002 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	23.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	10.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	2.000
	0700- 1- 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870/700-012, UP TO 12 SF	AS	4.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	2.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	15.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	2.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	1.000
	0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	2.000
	0700- 3-625	SIGN PANEL, REMOVE, 51-100 SF WITH LIGHTING	EA	1.000
	0700- 3-626	SIGN PANEL, REMOVE, 101-200 SF WITH LIGHTING	EA	2.000
	0700- 3-627	SIGN PANEL, REMOVE PANEL, 201-300 SF WITH LIGHTING	EA	1.000
	0700- 4-610	OVERHEAD STATIC SIGN STRUCTURE, REMOVE CANTILEVER	EA	1.000

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	0700- 6-102	HIGHLIGHTED SIGN, F&I BRIDGE MOUNT- WRONG WAY, AC POWERED , PROJECT 444175-1-52-01	AS	4.000
	0700- 13- 14	RETROREFLECTIVE SIGN STRIP- WRONG WAY SIGN POST, 2'	EA	8.000
	0700- 13- 17	RETROREFLECTIVE SIGN STRIP- WRONG WAY SIGN POST, 5'	EA	22.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	1.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	612.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	115.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44417515201)	LS	1.000
	0711- 11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM	0.085
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.013
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	648.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	368.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	209.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.100
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	34.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.028
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	566.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	3.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	5.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.853
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.073
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",1C -30 SKIP OR 3-9 LANE DROP	GM	0.289
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.301
Section 0003 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	21.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	171.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	2.000
	0635- 3- 11	JUNCTION BOX, FURNISH & INSTALL, AERIAL	EA	2.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	768.000
	0715- 4- 15	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 50' MOUNTING HEIGHT	EA	2.000
	0715- 4- 70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	1.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	2.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	287.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,180.000

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	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	3.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	3.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	41.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	84.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	6.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	4.000
	0650- 1- 11	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 1 SECTION, 1 WAY	AS	2.000
	0650- 1- 60	VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN	AS	1.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	6.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	1.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	6.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	16.000
	0663- 1-400	SIGNAL PRIORITY & PREEMPTION SYSTEM, RELOCATE	EA	3.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	6.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	1.000
	0670- 5-111	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS	3.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	3.000
	0682- 1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	3.000
	0682- 1-600	ITS CCTV CAMERA, REMOVE & DISPOSAL	EA	1.000
	0685- 1- 14	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION WITH CABINET	EA	3.000
	0920-681- 4	CONNECTED VEHICLE ROAD SIDE UNIT, PROJECT 444175-1-52-01	EA	1.000
Section 0005 Intelligent Transportation System				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	0.315
	0611- 2- 1	ITSFM LOCATION DOCUMENTATION- INTERSECTION	EA	3.000
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	1.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,591.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	335.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	109.000
	0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	428.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	1,207.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	50.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	72.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	3.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	1.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	3.000
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	2.000

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	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	3.000
	0633- 3- 46	FIBER OPTIC CONNECTION HARDWARE, RELOCATE PATCH PANEL- FIELD TERMINATED	EA	1.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	190.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	31.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	8.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	3.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	2.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	8.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	2,254.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	1.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1.000
	0660- 7- 11	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 1 OR 2 LANES	EA	1.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	1.000
	0682- 1-153	ITS CCTV CAMERA, F&I, STATIONARY, IP, HIGH DEFINITION	EA	2.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	3.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	1.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	4.000