

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 08200528 Call Order: 002 Proposal: E8S32 District:08

Counties: ORANGE

Road Name: RESURFACE & SAFETY IMPROVEMENTS TURNPIKE ML MP 259.9-265.3

Limits: 75470000

Project(s): 44029315201(*) Federal Aid No: N/A

Project(s): 44029325201 Federal Aid No: N/A

Total Roadway Length:	19.970 Miles	Contract Days:	620
Total Bridge Length:	0.000 Miles	Letting Date:	05/28/20
Total Proposal Length:	19.970 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	30

Proposal Budget Estimate: \$19,168,648.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for milling & resurfacing, landscaping, drainage improvements, pervious concrete, curb & gutter, guardrail, signing, pavement marking, lighting, and Intelligent Transportation Systems. The project limits are SR 91 (Turnpike Mainline) from milepost 260.2 to milepost 265.3 in Orange County. No Pre-Bid Conference. Contractor must be prequalified in Hot Plant-Mixed Bituminous Courses.

The summary of pay items for this project is listed in the Plans.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44029315201)	LS	1.000
	0101- 1-	MOBILIZATION (44029325201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44029315201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44029325201)	LS	1.000
	0102- 2- 1	SPECIAL DETOUR 1 (44029315201)	LS	1.000
	0102- 2- 2	SPECIAL DETOUR 2 (44029315201)	LS	1.000
	0102- 2- 3	SPECIAL DETOUR 3 (44029315201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	192.000
	0102- 60-	WORK ZONE SIGN	ED	12,466.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	625.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	1,219.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	26,522.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	376.000
	0102- 74- 7	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	LF	144.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	987.000
	0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	2,803.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	5.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	570.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	1,134.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	1,134.000
	0102-913- 21	REMOVABLE TAPE, WHITE, SOLID 6"	GM	0.178

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ALT	Item	Description	Unit	Quantity
	0102-913- 22	REMOVABLE TAPE, WHITE, 10'-30', 3'-9', 6'-10', or 2'-4' SKIP, 6" WIDE	GM	0.208
	0102-913- 31	REMOVABLE TAPE, YELLOW, SOLID, 6"	GM	0.060
	0104- 10- 3	SEDIMENT BARRIER	LF	1,870.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	7.000
	0107- 1-	LITTER REMOVAL	AC	2,821.420
	0107- 2-	MOWING	AC	2,389.280
	0110- 1- 1	CLEARING & GRUBBING (44029315201)	LS	1.000
	0110- 2- 2	SELECTIVE CLEARING AND GRUBBING, AREAS WITH TREES TO REMAIN	AC	1.300
	0110- 2- 3	SELECTIVE CLEARING AND GRUBBING, PLANT PRESERVATION AREA	AC	0.450
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	879.000
	0120- 1-	REGULAR EXCAVATION	CY	7,356.000
	0120- 6-	EMBANKMENT	CY	1,684.000
	0160- 4-	TYPE B STABILIZATION	SY	2,615.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	1,198.000
	0285-710-	OPTIONAL BASE, BASE GROUP 10	SY	120.000
	0285-714-	OPTIONAL BASE, BASE GROUP 14	SY	1,955.000
	0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	104,466.000
	0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	6,692.000
	0327- 70- 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY	2,123.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	39,375.000
	0327- 70- 8	MILLING EXIST ASPH PAVT, 2 1/2" AVG DEPTH	SY	20,960.000
	0327- 70- 11	MILLING EXIST ASPH PAVT, 2 1/4" AVG DEPTH	SY	123,598.000
	0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	3,205.000
	0327- 70- 14	MILLING EXIST ASPH PAVT, 6 1/2" AVG DEPTH	SY	3,242.000
	0327- 70- 15	MILLING EXIST ASPH PAVT, 2 3/4" AVG DEPTH	SY	117,140.000
	0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	9,385.000
	0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	3,057.000
	0327- 70- 22	MILLING EXISTING ASPHALT PAVEMENT, 4 1/4" AVG DEPTH	SY	11,223.000
	0327- 70- 26	MILLING EXIST ASPH PAVT, 4 3/4" AVG DEPTH	SY	11,509.000
	0327- 70- 33	MILLING EXIST ASPH PAVT, 7 3/4" AVG DEPTH	SY	1,956.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	10,207.500
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	461.200
	0334- 1- 15	SUPERPAVE ASPHALTIC CONC, TRAFFIC E	TN	1,481.500
	0334- 1- 55	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, PG76-22	TN	31,549.200
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	12,019.100
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	2,269.500
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	169.600
	0354- 1-101	PERVIOUS CONCRETE PAVEMENT, 6", PROJECT 440293-1-52-01	SY	17,366.000
	0425- 1-355	INLETS, CURB, TYPE P-5, PARTIAL	EA	1.000
	0425- 4-	INLETS, ADJUST	EA	7.000
	0425- 11-	MODIFY EXISTING DRAINAGE STRUCTURE	EA	2.000
	0430-174-130	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 30"SD	LF	17.000
	0430-984-133	MITERED END SECTION , OPTIONAL ROUND, 30" SD	EA	1.000

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ALT	Item	Description	Unit	Quantity
	0440- 73- 1	UNDERDRAIN OUTLET PIPE, 4"	LF	29.000
	0455-133- 3	SHEET PILING STEEL, F&I PERMANENT	SF	5,283.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	1,373.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	5,726.000
	0520- 2-104	CONCRETE CURB, TOLL HEADER CURB 12" x 18", PROJECTS 440293-1-52-01 AND 440293-2-52-01	LF	371.000
	0520- 2-105	CONCRETE CURB, RIBBON CURB 6" x 18", PROJECTS 440293-1-52-01 AND 440293-2-52-01	LF	1,722.000
	0520- 5- 21	TRAFFIC SEPARATOR - CONCRETE, TYPE II, 4' WIDE	LF	57.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	1,279.000
	0521- 1- 11	MEDIAN CONCRETE BARRIER, 38" HEIGHT	LF	228.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	1.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	2,906.000
	0536- 8- 13	APPROACH TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, TL-3	EA	2.000
	0536- 73-	GUARDRAIL REMOVAL	LF	2,540.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	4.000
	0542- 70-	BUMPER GUARDS, CONCRETE	EA	585.000
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	19.678
	0550- 10-251	FENCING, TYPE B, 8.1-10.0', WITH BARBED WIRE ATTMT	LF	40.000
	0550- 60-232	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 6.1-12' OPENING	EA	2.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	26,709.000
	0580- 12- 13	LANDSCAPE ROOT VAULT, APPROX 48 x 24 x 31, PROJECT 440293-1-52-01, ETC	EA	1,816.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	55.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	10.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	10.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	31.668
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	21.236
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	60.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	72.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	30.798
	0999- 16-	PARTNERING, DO NOT BID (44029315201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44029315201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44029325201)	LS	1.000
Section 0002 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	46.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	25.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	5.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	88.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	1.000
	0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	4.000
	0700- 2- 17	MULTI- POST SIGN, F&I GROUND MOUNT, 201-300 SF	AS	3.000

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	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	10.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	1.000
	0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	6.000
	0700- 3-205	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF	EA	2.000
	0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	6.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000
	0700- 3-603	SIGN PANEL, REMOVE, 21-30 SF	EA	6.000
	0700- 3-605	SIGN PANEL, REMOVE, 51-100 SF	EA	1.000
	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	6.000
	0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	1.000
	0700- 4-610	OVERHEAD STATIC SIGN STRUCTURE, REMOVE CANTILEVER	EA	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44029315201)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	1.190
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	470.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	120.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.036
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	32.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	36.000
	0711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	42.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	392.000
	0711- 11-421	THERMOPLASTIC, STANDARD, BLUE, SOLID,6"	LF	720.000
	0711- 14-123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	61.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	60.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	9.950
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	30.786
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	9.639
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	3.764
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.151
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	1.541
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.059
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.177
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.059
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.177

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ALT	Item	Description	Unit	Quantity
Section 0003 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	7,429.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	4,924.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	250.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	73,457.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	6,898.000
	0715- 4- 14	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT	EA	25.000
	0715- 4- 70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	42.000
	0715- 11-115	LUMINAIRE, F&I, ROADWAY, WALL MOUNT	EA	10.000
	0715- 11-500	LUMINAIRE, REMOVE	EA	8.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	25.000
	0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	175.000
	0715-516-315	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I ,POLE TOP MOUNT, CONCRETE, 15'	EA	55.000
	0715-516-320	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I ,POLE TOP MOUNT, CONCRETE, 20'	EA	115.000
	0715-516-325	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, POLE TOP MOUNT- CONCRETE, 25'	EA	5.000
Section 0004 Landscape / Peripheral				
	0580- 1- 1	LANDSCAPE COMPLETE- SMALL PLANTS (44029325201)	LS	1.000
	0580- 1- 2	LANDSCAPE COMPLETE- LARGE PLANTS (44029325201)	LS	1.000
	0581- 1- 7	RELOCATE TREES AND PALMS,PALMS, <14' OF CLEAR TRUNK, SABAL PALM ONLY	EA	8.000
	0581- 1- 8	RELOCATE TREES AND PALMS, >=14' OF CLEAR TRUNK, SABAL PALM ONLY	EA	10.000
	0590- 70-	IRRIGATION SYSTEM (44029325201)	LS	1.000
Section 0005 Intelligent Transportation System				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,830.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,208.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	140.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	30.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	14.000
	0676- 3- 10	SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D	EA	14.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	1.000
	0920-688- 1	ROAD WEATHER INFORMATION SYSTEM (RWIS), PROJECT 440293-2-52-01	EA	1.000