

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 08221025 Call Order: 001 Proposal: E8T95 District:08

Counties: OSCEOLA

Road Name: TPK MAINLINE RESURFACE AND SAFETY IMPROVEMENTS OSCEOLA CNTY

Limits: 92470000

Project(s): 44171915201(*) Federal Aid No: N/A

Project(s): 44171925201 Federal Aid No: N/A

Project(s): 44171925202 Federal Aid No: N/A

Total Roadway Length:	25.500 Miles	Contract Days:	508
Total Bridge Length:	0.093 Miles	Letting Date:	10/25/22
Total Proposal Length:	25.593 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	31

Proposal Budget Estimate: \$21,371,631.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for improvements under FPID 441719-1-52-01 & 441719-2-52-01 - Milling & resurfacing, cross slope correction, median crossover removal, shoulder widening, guardrail replacement, signing & pavement marking, and ITS on the Turnpike mainline (SR 91) from MP 198.500 to MP 207.000, approximately 8.5 miles in Osceola County. The Improvements under FPID 441719-2-52-02 consist of milling and resurfacing of the friction course, replacement of pavement markings, add/remove signs to accommodate the new lane configuration along the Florida's Turnpike (SR 91) from MP 248.500 to MP 250.700 in Orange and Osceola Counties. No Pre-Bid Conference. Contractor must be prequalified.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0401- 70- 2	RESTORE SPALLED AREAS, LATEX MODIFIED MORTAR- STYRENE BUTADIENE	CF	0.400
	0401- 70- 3	RESTORE SPALLED AREAS, LATEX MODIFIED MORTAR- ACRYLIC	CF	1.200
	0401- 70- 7	RESTORE SPALLED AREAS, SHOTCRETE	CF	1,282.400
	0411- 1-	EPOXY MATERIAL FOR CRACK INJECTION- STRUCTURES REHAB	GA	16.000
	0411- 2-	CRACKS INJECT & SEAL- STRUCTURES REHAB	LF	402.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	758.000
	0458- 2-	POLYMER NOSING FOR BRIDGE DECK EXPANSION JOINT	CF	324.800
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (44171915201)	LS	1.000
	0101- 1-	MOBILIZATION (44171925201)	LS	1.000
	0101- 1-	MOBILIZATION (44171925202)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44171915201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44171925201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44171925202)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (44171915201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	5,448.000
	0102- 60-	WORK ZONE SIGN	ED	25,833.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	722.000

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ALT	Item	Description	Unit	Quantity
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	350.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	64,258.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	156,621.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	1,134.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	210.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,117.000
	0102- 99-105	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY- SMART WORK ZONE, PROJECT 441719-1-52-01	ED	1,016.000
	0102-125-105	PORTABLE TRAFFIC SENSOR- SMART WORK ZONE, PROJECT 441719-1-52-01	ED	1,524.000
	0102-126-105	NAVIGATION APPLICATION SENSOR- SMART WORK ZONE, PROJECT 441719-1-52-01	ED	1,016.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	1,075.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	1,075.000
	0104- 10- 3	SEDIMENT BARRIER	LF	18,971.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	683.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	62.000
	0107- 1-	LITTER REMOVAL	AC	6,179.980
	0107- 2-	MOWING	AC	2,397.320
	0110- 1- 1	CLEARING & GRUBBING (44171915201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44171925201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	15.000
	0120- 1-	REGULAR EXCAVATION	CY	1,924.300
	0120- 6-	EMBANKMENT	CY	6,921.500
	0160- 4-	TYPE B STABILIZATION	SY	14.000
	0285-704-	OPTIONAL BASE, BASE GROUP 04	SY	2,258.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	632.000
	0327- 70- 1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	72,154.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	38,074.000
	0327- 70- 11	MILLING EXISTING ASPHALT PAVEMENT, 2 1/4" AVG DEPTH	SY	157,819.000
	0327- 70- 17	MILLING EXISTING ASPHALT PAVEMENT, 3 1/4" AVG DEPTH	SY	56,641.000
	0327- 70- 19	MILLING EXISTING ASPHALT PAVEMENT, 3/4" AVG DEPTH	SY	33,139.000
	0327- 70- 20	MILLING EXISTING ASPHALT PAVEMENT, 3 3/4" AVG DEPTH	SY	39,672.000
	0327- 70- 22	MILLING EXISTING ASPHALT PAVEMENT, 4 1/4" AVG DEPTH	SY	11,948.000
	0327- 70-106	MILLING EXIST ASPHALT PAVEMENT AND LIMEROCK 9.75", PROJECT 441719-1-52-01	SY	2,258.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	6,221.400
	0334- 1- 15	SUPERPAVE ASPHALTIC CONC, TRAFFIC E	TN	7,173.900
	0334- 1- 55	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, PG76-22	TN	26,076.800
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	11,494.700
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	3,740.700
	0401- 70- 2	RESTORE SPALLED AREAS, LATEX MODIFIED MORTAR- STYRENE BUTADIENE	CF	1.000
	0401- 70- 3	RESTORE SPALLED AREAS, LATEX MODIFIED MORTAR- ACRYLIC	CF	6.300
	0401- 70- 7	RESTORE SPALLED AREAS, SHOTCRETE	CF	827.500
	0411- 1-	EPOXY MATERIAL FOR CRACK INJECTION- STRUCTURES REHAB	GA	1.000

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	0411- 2-	CRACKS INJECT & SEAL- STRUCTURES REHAB	LF	10.000
	0425- 1-545	INLETS, DITCH BOTTOM, TYPE D, PARTIAL	EA	1.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	40.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	24.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	12.500
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	4,869.000
	0536- 1- 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF	46,373.000
	0536- 5- 1	RUB RAIL FOR GUARDRAIL, SINGLE SIDED RUB RAIL	LF	45,937.000
	0536- 7- 2	SPECIAL GUARDRAIL POST- SPECIAL STEEL POST FOR CONCRETE STRUCTURE MOUNT	EA	52.000
	0536- 8-122	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-002, APPROACH TL-3	EA	4.000
	0536- 8-123	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-002, TRAILING	EA	1.000
	0536- 73-	GUARDRAIL REMOVAL	LF	48,631.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	9.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	8.000
	0536- 85- 27	GUARDRAIL END TREATMENT- DOUBLE FACE APPROACH TERMINAL	EA	10.000
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	32.615
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	93,624.000
	0570- 1- 3	PERFORMANCE TURF, SOD AND SOIL- SHOULDER TREATMENT INDEX 570-010	SY	49,200.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	2,674.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	17.146
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	1,845.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	18.500
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	17.073
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	738.000
	0999- 16-	PARTNERING, DO NOT BID (44171915201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44171915201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44171925201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44171925202)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	32.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	23.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	2.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	62.000
	0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	4.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	2.000
	0700- 3-503	SIGN PANEL, RELOCATE, 21-30 SF	EA	4.000
	0700- 3-606	SIGN PANEL, REMOVE, 101-200 SF	EA	3.000
	0700- 3-607	SIGN PANEL, REMOVE, 201-300 SF	EA	1.000
	0705- 10- 2	OBJECT MARKER, TYPE 2	EA	64.000

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	0705- 10- 3	OBJECT MARKER, TYPE 3	EA	13.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	4,502.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44171915201)	LS	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44171925202)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.057
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	4,564.000
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	2.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	6.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	1,431.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	17.504
	0711- 15-102	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	GM	0.202
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	19.469
	0711- 15-133	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.459
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	18.507
	0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	102.000
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.019
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.019
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.019
	0713-107-	PREFORMED/PERMANENT TAPE, REMOVE	SF	68.000
Section 0004 Intelligent Transportation System				
	0630- 3- 1	REPLACE ROUTE MARKER FOR EXISTING CONDUIT	EA	49.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	1.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	1.000