

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 08181115 Call Order: 009 Proposal: E8R45 District:08

Counties: MARTIN

Road Name: RESURFACE, GUARDRAIL, ESU ML IN MARTIN, MP 117.843-138.037

Limits: 89470000

Project(s): 43799215201(*) Federal Aid No: N/A

Project(s): 43799235201 Federal Aid No: N/A

Project(s): 43799235202 Federal Aid No: N/A

Total Roadway Length:	60.582 Miles	Contract Days:	930
Total Bridge Length:	0.133 Miles	Letting Date:	11/15/18
Total Proposal Length:	60.715 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	90

Proposal Budget Estimate: \$40,838,779.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for milling, resurfacing, placing overbuild to cross slope correct specific areas, replacing and adding guardrail, drainage structure upgrades, lengthening the southbound entrance ramp at Exit 133, shoulder improvements, signing and pavement marking improvements, lighting and ITS improvements on SR 91 (Florida's Turnpike) from MP 117.843 to MP 138.037 in Martin 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 Structures				
	0401- 70- 3	RESTORE SPALLED AREAS, LATEX MODIFIED MORTAR- ACRYLIC	CF	2.900
	0401- 70- 7	RESTORE SPALLED AREAS, SHOTCRETE	CF	1,310.500
	0411- 1-	EPOXY MATERIAL FOR CRACK INJECTION- STRUCTURES REHAB	GA	21.000
	0411- 2-	CRACKS INJECT & SEAL- STRUCTURES REHAB	LF	197.000
	0458- 1- 21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	LF	325.000
	0458- 2-	POLYMER NOSING FOR BRIDGE DECK EXPANSION JOINT	CF	27.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43799215201)	LS	1.000
	0101- 1-	MOBILIZATION (43799235201)	LS	1.000
	0101- 1-	MOBILIZATION (43799235202)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43799215201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43799235201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43799235202)	LS	1.000
	0102- 2- 1	SPECIAL DETOUR 1 (43799215201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	55,600.000
	0102- 62-	BARRIER MOUNTED WORK ZONE SIGN- INDEX 11871/700-013	ED	16,928.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	4,573.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	151,186.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	150.000

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	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	958.000
	0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	16,403.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	27.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	3,157.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	1,916.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	1,906.000
	0102-911- 2	PAVEMENT MARKING REMOVABLE TAPE, WHITE OR BLACK,SOLID	LF	2,735.000
	0104- 10- 3	SEDIMENT BARRIER	LF	41,555.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	20.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	8.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	20.000
	0107- 1-	LITTER REMOVAL	AC	12,236.000
	0107- 2-	MOWING	AC	12,236.000
	0110- 1- 1	CLEARING & GRUBBING (43799235201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43799235202)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	301.000
	0120- 1-	REGULAR EXCAVATION	CY	9,386.100
	0120- 6-	EMBANKMENT	CY	510.000
	0160- 4-	TYPE B STABILIZATION	SY	5,327.000
	0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	4,336.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	658.000
	0285-711-	OPTIONAL BASE, BASE GROUP 11	SY	338.000
	0285-712-	OPTIONAL BASE, BASE GROUP 12	SY	513.000
	0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	3,281.000
	0327- 70- 3	MILLING EXIST ASPH PAVT, 4 1/2" AVG DEPTH	SY	78,554.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	208,650.000
	0327- 70- 7	MILLING EXIST ASPH PAVT, 4" AVG DEPTH	SY	34,801.000
	0327- 70- 8	MILLING EXIST ASPH PAVT, 2 1/2" AVG DEPTH	SY	54,642.000
	0327- 70- 9	MILLING EXIST ASPH PAVT, 5 1/4" AVG DEPTH	SY	111,174.000
	0327- 70- 10	MILLING EXIST ASPH PAVT, 5" AVG DEPTH	SY	70,873.000
	0327- 70- 11	MILLING EXIST ASPH PAVT, 2 1/4" AVG DEPTH	SY	124,538.000
	0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	35,706.000
	0327- 70- 19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	SY	3,250.000
	0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	22,457.000
	0327- 70- 22	MILLING EXISTING ASPHALT PAVEMENT, 4 1/4" AVG DEPTH	SY	1,299.000
	0327- 70- 26	MILLING EXIST ASPH PAVT, 4 3/4" AVG DEPTH	SY	89,721.000
	0327- 70- 29	MILLING EXIST ASPH PAVT, 6 1/4" AVG DEPTH	SY	16,495.000
	0327- 70- 31	MILLING EXIST ASPH PAVT, 7 1/2" AVG DEPTH	SY	70,873.000
	0327- 70- 42	MILLING EXIST ASPH PAVT, 7 1/4" AVG DEPTH	SY	78,554.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	63,850.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	245.000
	0334- 1- 14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	TN	84,554.000
	0334- 1- 52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG76-22	TN	513.900
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	272.000
	0334- 1- 54	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC D, PG76-22	TN	49,438.900

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ALT	Item	Description	Unit	Quantity
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	23,233.700
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	312.200
	0400- 1- 2	CONCRETE CLASS I, ENDWALLS	CY	1.600
	0401- 70- 3	RESTORE SPALLED AREAS, LATEX MODIFIED MORTAR- ACRYLIC	CF	0.300
	0401- 70- 7	RESTORE SPALLED AREAS, SHOTCRETE	CF	2,048.500
	0411- 1-	EPOXY MATERIAL FOR CRACK INJECTION- STRUCTURES REHAB	GA	23.000
	0411- 2-	CRACKS INJECT & SEAL- STRUCTURES REHAB	LF	443.000
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	5.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	5.000
	0430- 94- 1	DESILTING PIPE, 0 - 24"	LF	1,933.000
	0430- 94- 2	DESILTING PIPE, 25 - 36"	LF	184.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	257.000
	0430-611-225	U-ENDWALL WITH BAFFLES, INDEX 261/430-011, 1:3 SLOPE, 18"PIPE	EA	10.000
	0430-950-	DESILTING CONCRETE BOX CULVERT	CY	190.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	1.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	639.000
	0521- 1-101	MEDIAN CONCRETE BARRIER, 32" F-SHAPE, PROJECT 437992-3-52-01	LF	776.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	61.800
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	4,811.000
	0536- 7- 3	SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT	EA	18.000
	0536- 8- 13	APPROACH TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, TL-3	EA	16.000
	0536- 73-	GUARDRAIL REMOVAL	LF	3,337.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	14.000
	0536- 85- 25	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE TYPE II	EA	10.000
	0538- 1-	GUARDRAIL RESET	LF	10,605.000
	0544- 75- 1	CRASH CUSHION	EA	8.000
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	97.750
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	63,330.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	81.294
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	1.288
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	121.682
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	40.906
	0999- 16-	PARTNERING, DO NOT BID (43799215201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43799215201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43799235201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43799235202)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	2.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	16.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	1.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	1.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	29.000

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	0700- 2- 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	2.000
	0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	4.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	3.000
	0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	8.000
	0700- 2- 17	MULTI- POST SIGN, F&I GROUND MOUNT, 201-300 SF	AS	2.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	19.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	17.000
	0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	2.000
	0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	2.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	16.000
	0700- 3-603	SIGN PANEL, REMOVE, 21-30 SF	EA	2.000
	0700- 3-626	SIGN PANEL, REMOVE, 101-200 SF WITH LIGHTING	EA	2.000
	0700- 4-113	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 31-40 FT	EA	1.000
	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	2.000
	0700- 12- 22	SIGN BEACON, F&I GROUND MOUNT- SOLAR POWERED, TWO BEACONS	AS	1.000
	0705- 10- 3	OBJECT MARKER, TYPE 3	EA	7.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	104.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43799215201)	LS	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43799235202)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.520
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	2.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	2.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	38.608
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	37.688
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	38.638
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	9,059.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	96.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	57.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	17,838.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	11,402.000
	0715- 1- 15	LIGHTING CONDUCTORS, F&I, NO.1/0 - 3/0 (0 to 000)	LF	15,759.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	22,162.000
	0715- 4- 13	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT	EA	37.000
	0715- 4- 14	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT	EA	8.000
	0715- 4- 60	LIGHT POLE COMPLETE, RELOCATE	EA	9.000
	0715- 4- 71	LIGHT POLE COMPLETE, REMOVE POLE, FOUNDATION REMAINS	EA	12.000

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ALT	Item	Description	Unit	Quantity
	0715- 7- 21	LOAD CENTER, REWORK, SECONDARY VOLTAGE	EA	1.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	54.000
Section 0005 Intelligent Transportation System				
	0630- 2- 25	CONDUIT, FURNISH & INSTALL, RETROFIT/REPLACE ROUTE MARKER, PROJECT 437992-1-52-01, ETC	EA	304.000
	0630- 2- 26	CONDUIT, RELOCATE CONDUIT WITH FIBER/WIRE REMAINING OPERATIONAL, PROJECT 437992-1-52-01, ETC	LF	88.000