

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 08261110 Call Order: 002 Proposal: E8W97 District:08
 Counties: BREVARD
 Road Name: SR 407 SAFETY AND ITS IMPROVEMENTS, RESURF AND SAFETY MP0-7
 Limits: 70471000

Project(s): 45210915201 Federal Aid No: N/A
 Project(s): 45354015201(*) Federal Aid No: N/A
 Project(s): 45354025201 Federal Aid No: N/A
 Project(s): 45354115201 Federal Aid No: N/A
 Project(s): 45354125201 Federal Aid No: N/A

Total Roadway Length: 21.890 Miles Contract Days: 526
 Total Bridge Length: 0.120 Miles Letting Date: 11/10/26
 Total Proposal Length: 22.010 Miles Contract Execution Days: 10
 Special Start Date: N/A
 Aquis/Flexible Start Time: 120

Proposal Budget Estimate: \$13,762,569.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for milling and resurfacing, base work, shoulder treatment, shoulder gutter, guardrail, drainage improvements, drainage structure and bridge repair, pier column strengthening, signing, pavement markings, ITS, traffic monitoring site loop and detector replacement, landscaping, and other incidental construction on SR 407 from SR 528 to SR 405 in Brevard County.

No Pre-Bid Conference. Contractor must be prequalified.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	18.000
	0401- 70- 3	RESTORE SPALLED AREAS, LATEX MODIFIED MORTAR- ACRYLIC	CF	1.500
	0401- 70- 7	RESTORE SPALLED AREAS, SHOTCRETE	CF	633.300
	0411- 1-	EPOXY MATERIAL FOR CRACK INJECTION- STRUCTURES REHAB	GA	2.000
	0411- 2-	CRACKS INJECT & SEAL- STRUCTURES REHAB	LF	16.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	8,690.000
	0458- 1- 21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	LF	293.000
	0458- 2-	POLYMER NOSING FOR BRIDGE DECK EXPANSION JOINT	CF	49.700
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (45210915201)	LS	1.000
	0101- 1-	MOBILIZATION (45354015201)	LS	1.000
	0101- 1-	MOBILIZATION (45354025201)	LS	1.000
	0101- 1-	MOBILIZATION (45354115201)	LS	1.000
	0101- 1-	MOBILIZATION (45354125201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (45210915201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (45354015201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (45354025201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (45354115201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0102- 1-	MAINTENANCE OF TRAFFIC (45354125201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (45354015201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (45354025201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (45354115201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	3,680.000
	0102- 60-	WORK ZONE SIGN	ED	16,743.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	1,611.000
	0102- 71- 26	TEMPORARY BARRIER, RELOCATE, FREE STANDING	LF	2,669.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	21,297.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	2.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	4.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,372.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	526.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	526.000
	0102-112-	EXISTING ITS MAINTENANCE	DA	1,052.000
	0102-115-	TYPE III BARRICADE	ED	56.000
	0102-909-	TEMPORARY RAISED RUMBLE STRIPS- PER DAY, INCLUDES ALL SETS AND RELOCATIONS	DA	224.000
	0102-913- 21	REMOVABLE TAPE, WHITE, SOLID 6"	GM	0.056
	0104- 10- 3	SEDIMENT BARRIER	LF	39,205.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	1,255.000
	0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	623.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	23.000
	0107- 1-	LITTER REMOVAL	AC	5,371.380
	0107- 2-	MOWING	AC	5,180.950
	0110- 1- 1	CLEARING & GRUBBING (45210915201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (45354025201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (45354125201)	LS	1.000
	0110- 2- 2	SELECTIVE CLEARING AND GRUBBING, AREAS WITH TREES TO REMAIN	AC	0.440
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	1,733.000
	0110- 21-	TREE PROTECTION BARRIER	LF	547.000
	0110- 22-	TREE ROOT AND BRANCH PRUNING	EA	6.000
	0120- 2- 2	BORROW EXCAVATION, TRUCK MEASURE	CY	1,244.400
	0160- 4-	TYPE B STABILIZATION	SY	2,418.000
	0327- 70- 4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY	49,990.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	15,397.000
	0327- 70- 7	MILLING EXISTING ASPHALT PAVEMENT, 4" AVG DEPTH	SY	1,429.000
	0327- 70- 10	MILLING EXISTING ASPHALT PAVEMENT, 5" AVG DEPTH	SY	351.000
	0327- 70- 11	MILLING EXISTING ASPHALT PAVEMENT, 2 1/4" AVG DEPTH	SY	52,072.000
	0327- 70- 17	MILLING EXISTING ASPHALT PAVEMENT, 3 1/4" AVG DEPTH	SY	21,075.000
	0327- 70- 18	MILLING EXISTING ASPHALT PAVEMENT, 5 1/2" AVG DEPTH	SY	267.000
	0327- 70- 19	MILLING EXISTING ASPHALT PAVEMENT, 3/4" AVG DEPTH	SY	413.000
	0327- 70- 26	MILLING EXISTING ASPHALT PAVEMENT, 4 3/4" AVG DEPTH	SY	5,877.000
	0327- 70-116	MILLING BASE AND ASPHALT PAVEMENT, 9.25"	SY	4,900.000

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	0327- 70-117	MILLING BASE AND ASPHALT PAVEMENT, 10.75"	SY	5,877.000
	0327- 70-118	MILLING BASE AND ASPHALT PAVEMENT, 11"	SY	351.000
	0327- 70-119	MILLING BASE AND ASPHALT PAVEMENT, 11.5"	SY	267.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	7,106.600
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	7,844.400
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	2,407.900
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	5,549.800
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	877.400
	0401- 70- 3	RESTORE SPALLED AREAS, LATEX MODIFIED MORTAR- ACRYLIC	CF	0.300
	0401- 70- 7	RESTORE SPALLED AREAS, SHOTCRETE	CF	796.700
	0430-175-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD	LF	48.000
	0430-611-123	U-ENDWALL WITH BAFFLES, INDEX 261/430/011, 1:4 SLOPE, 15"PIPE	EA	2.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	3,893.000
	0524- 1- 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY	6.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	7,656.000
	0536- 7- 3	SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT	EA	42.000
	0536- 8-122	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-002, APPROACH TL-3	EA	6.000
	0536- 8-123	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-002, TRAILING	EA	1.000
	0536- 73-	GUARDRAIL REMOVAL	LF	3,590.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	2.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	26.000
	0538- 1-	GUARDRAIL RESET	LF	210.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	38,880.000
	0570- 13- 1	SHOULDER DROP OFF SOIL	CY	762.200
	0695- 3- 11	TRAFFIC MONITORING SITE SPEED/CLASSIFICATION UNIT, FURNISH & INSTALL, VOLUME SPEED AND CLASSIFICATION	AS	2.000
	0695- 6- 11	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 1 LOOP	EA	1.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	2.000
	0695- 10- 10	TRAFFIC MONITORING SITE WEIGH-IN-MOTION UNIT, FURNISH & INSTALL	AS	1.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	4,784.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	13.978
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	0.574
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	14.393
	0922-334- 2	SUPERPAVE ASPHALTIC CONCRETE, THICK LIFT, TRAFFIC LEVEL C	TN	3,760.200
	0999- 16-	PARTNERING, DO NOT BID (45354015201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (45210915201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (45354015201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (45354025201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (45354115201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (45354125201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
Section 0003 Signing				
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	9.014
	0546- 72- 3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	GM	15.591
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	61.000
	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	63.000
	0700- 1-113	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	20.000
	0700- 1-114	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 30.1+ SF SHEETING AREA FOR BACK TO BACK SIGNS	EA	2.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	122.000
	0700- 2-112	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	1.000
	0700- 2-113	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	3.000
	0700- 2-114	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 30.1-50.0 SF	EA	7.000
	0700- 2-116	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 100.1-200.0 SF	EA	3.000
	0700- 2-600	MULTI-COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	11.000
	0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	1.000
	0700- 3-302	SIGN PANEL, FURNISH & INSTALL SINGLE POST BRIDGE MOUNT INDEX 11870/700-012, 12-20 SF	EA	1.000
	0700- 3-602	SIGN PANEL, REMOVE, 12-20 SF	EA	1.000
	0700- 3-606	SIGN PANEL, REMOVE, 101-200 SF	EA	1.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	13.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	8.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	4,784.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (45354015201)	LS	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (45354115201)	LS	1.000
	0711- 11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM	0.590
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	870.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	73.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.110
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	6.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	34.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	1,453.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	7.642
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	7.398
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	5.925
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.574

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	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	6.956
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.175
	0713-103-171	PERMANENT TAPE, WHITE, 3-9 DOTTED, 6" WIDE, FOR CONCRETE SURFACES	GM	0.048
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.145
	0713-103-371	PERMANENT TAPE, BLACK, 3-9 DOTTED, 6" WIDE, FOR CONCRETE SURFACES	GM	0.042
	0713-107-	PREFORMED/PERMANENT TAPE, REMOVE	SF	954.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	53.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	200.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	2.000
Section 0005 Intelligent Transportation System				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	6.788
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	12.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,550.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	370.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	605.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	1,780.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	28.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	1.000
	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	24.000
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	1.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	1.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	1.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	526.000
	0633- 8- 11	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL, CAT 6	LF	2,105.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	30.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	13.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	1.000
	0639- 7-137	ELECTRICAL POWER SERVICE, FURNISH & INSTALL, ITS SOLAR POWER UNIT	AS	10.000
	0641- 3-169	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 69'	EA	6.000
	0641- 3-180	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 80'	EA	1.000
	0641- 3-186	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 86'	EA	3.000
	0660- 8- 11	TRAFFIC DATA DETECTION SYSTEM- MICROWAVE, FURNISH AND INSTALL, CABINET EQUIPMENT	EA	10.000
	0660- 8- 12	TRAFFIC DATA DETECTION SYSTEM- MICROWAVE, FURNISH AND INSTALL, ABOVE GROUND EQUIPMENT	EA	10.000

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	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	10.000
	0682- 1-173	ITS CCTV CAMERA, NON-PRESSURIZED, IP, HIGH DEFINITION	EA	10.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	10.000
	0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	10.000
	0684- 6- 1	WIRELESS COMMUNICATION SYSTEM DEVICE, FURNISH & INSTALL	EA	20.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	10.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	10.000