

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

Letting:	05230606	Call Order: 001	Proposal: E50B8	District:05
Counties:	BREVARD			
Road Name:	SR-5/US-1			
Limits:	70020000			
Project(s):	44499215201	Federal Aid No:	N/A	
Project(s):	44521515201(*)	Federal Aid No:	N/A	
Total Roadway Length:	4.494 Miles	Contract Days:	410	
Total Bridge Length:	0.000 Miles	Letting Date:	06/06/23	
Total Proposal Length:	4.494 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	120 Lead	
Proposal Budget Estimate:	\$9,339,619.00			

Please read the full advertisement

Description:

The Improvements under this District Contract for FPID 445215-1-52-01 consist of milling and resurfacing, traffic separators, sidewalks, drainage, signalization, and signing and pavement markings along SR 5/US-1 from Post Road to Miller Cove Road; for FPID 444992-1-52-01 consist of milling and resurfacing, traffic separators, sidewalks, drainage, and signing and pavement markings along SR 5/US-1 from Miller Cove Road to the Pineda Causeway in Brevard County.

PREQUALIFICATION REQUIRED

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44499215201)	LS	1.000
	0101- 1-	MOBILIZATION (44521515201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44499215201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44521515201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (44499215201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (44499215201)	LS	1.000
	0102- 3-	COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE	CY	26.400
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (44499215201)	LS	1.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (44521515201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	31,393.000
	0102- 61-	BUSINESS SIGN	EA	19.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	128.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	1,182.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	88.000
	0102- 71- 26	TEMPORARY BARRIER, RELOCATE, FREE STANDING	LF	1,564.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	121,417.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	60,665.000
	0102- 75- 1	TEMPORARY SEPARATOR, F&I REMOVE	LF	3,202.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	1,306.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	11.000

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	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,666.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	410.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	410.000
	0102-115-	TYPE III BARRICADE	ED	270.000
	0104- 1-	ARTIFICIAL COVERINGS /ROLLED EROSION CONTROL PRODUCTS	SY	6.000
	0104- 10- 3	SEDIMENT BARRIER	LF	1,717.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	108.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	224.000
	0107- 1-	LITTER REMOVAL	AC	285.200
	0107- 2-	MOWING	AC	198.960
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44499215201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44499215201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44521515201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	921.000
	0110- 7- 1	MAILBOX, F&I SINGLE	EA	11.000
	0120- 1-	REGULAR EXCAVATION	CY	72.000
	0120- 6-	EMBANKMENT	CY	34.000
	0160- 4-	TYPE B STABILIZATION	SY	419.000
	0285-702-	OPTIONAL BASE, BASE GROUP 02	SY	391.000
	0285-704-	OPTIONAL BASE, BASE GROUP 04	SY	48.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	51.000
	0285-712-	OPTIONAL BASE, BASE GROUP 12	SY	320.000
	0286- 1-	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS	SY	186.000
	0327- 70- 4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY	38,039.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	31,532.000
	0327- 70- 8	MILLING EXISTING ASPHALT PAVEMENT, 2 1/2" AVG DEPTH	SY	74,796.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	7,544.300
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	11,730.900
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	17.500
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	80.800
	0400- 2- 1	CONCRETE CLASS II, CULVERTS	CY	11.100
	0400- 3- 20	CONC CLASS III, SEAL	CY	14.500
	0400- 4- 11	CONC CLASS IV, RETAINING WALLS	CY	47.200
	0415- 1- 3	REINFORCING STEEL- RETAINING WALL	LB	1,630.000
	0415- 1- 6	REINFORCING STEEL- MISCELLANEOUS	LB	1,459.000
	0425- 1-415	INLETS, CURB, TYPE J-1, PARTIAL	EA	3.000
	0425- 1-455	INLETS, CURB, TYPE J-5, PARTIAL	EA	4.000
	0425- 1-465	INLETS, CURB, TYPE J-6, PARTIAL	EA	1.000
	0425- 1-545	INLETS, DITCH BOTTOM, TYPE D, PARTIAL	EA	3.000
	0425- 1-564	INLETS, DITCH BOTTOM, TYPE F, J BOT, >10'	EA	1.000
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	1.000
	0425- 1-711	INLETS, GUTTER, TYPE V, <10'	EA	1.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	1.000

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	0425- 2- 92	MANHOLES, J-8, >10'	EA	2.000
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	34.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	10.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	5.000
	0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	418.000
	0430-548-100	STRAIGHT CONCRETE ENDWALLS, 48", SINGLE, 0 DEGREES, ROUND	EA	1.000
	0430-611-125	U-ENDWALL WITH BAFFLES, INDEX 261/430-011, 1:4 SLOPE, 18"PIPE	EA	1.000
	0430-886- 48	MANATEE GRATE FOR 48", UNHINGED	EA	1.000
	0455-133- 3	SHEET PILING STEEL, F&I PERMANENT	SF	13,687.000
	0515- 1- 1	PIPE HANDRAIL - GUIDERAIL, STEEL	LF	94.000
	0515- 2-311	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY,42" TYPE 1	LF	62.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	3,305.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	12.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	60.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	2,408.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	242.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	100.000
	0524- 1- 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY	22.000
	0527- 2-	DETECTABLE WARNINGS	SF	563.000
	0530- 3- 3	RIPRAP- RUBBLE, BANK AND SHORE	TN	12.000
	0536- 6-	PIPE RAIL FOR GUARDRAIL	LF	168.000
	0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	124.000
	0550- 60-225	FENCE GATE , TYPE B, DOUBLE, 20.1-24' OPENING	EA	1.000
	0550- 60-234	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 18.1-20.0' OPENING	EA	1.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	8,197.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	75.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	6.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	6.000
	0695- 7-132	TRAFFIC MONITORING SITE CABINET, FURNISH & INSTALL, TYPE 3, PEDESTAL MOUNT	EA	1.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	5,596.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	10.696
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.127
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	0.031
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	2,461.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	706.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	359.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	8.362

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	0710- 11-133	PAINTED PAVEMENT MARKING, STANDARD,WHITE, 3'-9' SKIP DROP LINE AND APPROACH TO TOLL PLAZA, 12" WIDE,	GM	0.505
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.731
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	151.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	6.600
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	55.000
	0710- 11-231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM	0.630
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.185
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	63.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	12.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44499215201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44521515201)	LS	1.000
Section 0002 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	79.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	27.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	10.000
	0700- 1- 14	SINGLE POST SIGN, F&I GROUND MOUNT, 31+ SF	AS	2.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	55.000
	0700- 2- 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	1.000
	0700- 2- 17	MULTI- POST SIGN, F&I GROUND MOUNT, 201-300 SF	AS	1.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	2.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	49.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	63.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	15.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	23.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	4,083.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	568.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44499215201)	LS	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44521515201)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.031
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	2,356.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	706.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	350.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.712
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1.000

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	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	151.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	55.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.248
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	290.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	29.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	29.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	7.246
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.127
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",1C-30 SKIP OR 3-9 LANE DROP	GM	8.362
	0711- 16-133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"-APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.505
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	4.328
	0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	15.000
Section 0003 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	15.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	239.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	3.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	141.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	837.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	720.000
	0715- 7- 21	LOAD CENTER, REWORK, SECONDARY VOLTAGE	EA	2.000
	0715- 11-211	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD	EA	2.000
	0715- 68-000	LIGHT POLE COMPLETE, RELOCATE	EA	2.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	2.000
Section 0004 Signalization				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	1.800
	0611- 2- 1	ITSFM LOCATION DOCUMENTATION- INTERSECTION	EA	3.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	460.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	10,355.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	1.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	260.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	11,205.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	88.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	2.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	8.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	12.000

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	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	1.000
	0633- 3- 55	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY PATCH PANEL, PRETERMINATED	EA	2.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	410.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	9.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	11.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	2.000
	0643-600-	STRAIN POLE, WOOD, REMOVE	EA	2.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	2.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	2.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	2.000
	0649- 22- 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 70'	EA	1.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	3.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	2.000
	0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	3.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	1.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	4.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	3.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	1.000