

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

Letting:	05230606	Call Order: 008	Proposal: E57B7	District:05
Counties:	BREVARD			
Road Name:	SR 501			
Limits:	70011000			
Project(s):	44708515201(*)	Federal Aid No: N/A		
Total Roadway Length:	6.626 Miles	Contract Days:	500	
Total Bridge Length:	0.000 Miles	Letting Date:	06/06/23	
Total Proposal Length:	6.626 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	60 LEAD	

Proposal Budget Estimate: \$13,080,128.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of horizontal deflections, curb extensions, raised, spot medians, controlled pedestrian crossings, sidewalk widening, signalization, signing and pavement marking upgrades, minor drainage improvements as needed, and resurfacing on State Road 501 from north of King Street to East of Industry Road, approximately 3.313 miles in Brevard County.

PREQUALIFICATION REQUIRED

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44708515201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44708515201)	LS	1.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (44708515201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	28,915.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	292,959.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	1,518,600.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	730.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,085.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	1,500.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	1,500.000
	0102-115-	TYPE III BARRICADE	ED	1,720.000
	0104- 10- 3	SEDIMENT BARRIER	LF	12,462.000
	0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	232.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	3.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	79.000
	0107- 1-	LITTER REMOVAL	AC	118.690
	0107- 2-	MOWING	AC	30.750
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44708515201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44708515201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44708515201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	8,420.000
	0120- 1-	REGULAR EXCAVATION	CY	5,066.900
	0120- 6-	EMBANKMENT	CY	3,878.000
	0327- 70- 2	MILLING EXISTING ASPHALT PAVEMENT, 3 1/2" AVG DEPTH	SY	667.000
	0327- 70- 5	MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH	SY	74,143.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	55.000
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	8,229.100
	0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	1.000
	0425- 1-321	INLETS, CURB, TYPE P-2, <10'	EA	1.000
	0425- 1-331	INLETS, CURB, TYPE P-3, <10'	EA	1.000
	0425- 1-355	INLETS, CURB, TYPE P-5, PARTIAL	EA	2.000
	0425- 1-411	INLETS, CURB TYPE J-1, <10'	EA	2.000
	0425- 1-415	INLETS, CURB, TYPE J-1, PARTIAL	EA	2.000
	0425- 1-713	INLETS, GUTTER, TYPE V, J BOT, <10'	EA	1.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	7.000
	0425- 2- 43	MANHOLES, P-7, PARTIAL	EA	11.000
	0425- 2- 73	MANHOLES, J-7, PARTIAL	EA	4.000
	0425- 2- 93	MANHOLES, J-8, PARTIAL	EA	1.000
	0425- 5-	MANHOLE, ADJUST	EA	10.000
	0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	10.000
	0425- 6-	VALVE BOXES, ADJUST	EA	76.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	64.000
	0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	8.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	8.000
	0436- 1- 1	TRENCH DRAIN, STANDARD	LF	574.000
	0440- 73- 3	UNDERDRAIN OUTLET PIPE, 8"	LF	98.000
	0440- 73- 4	UNDERDRAIN OUTLET PIPE, 10"	LF	103.000
	0519- 78-	BOLLARDS	EA	5.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	809.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	8,796.000
	0520- 2- 1	CONCRETE CURB, TYPE A	LF	79.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	6,522.000
	0520- 3-	VALLEY GUTTER- CONCRETE	LF	83.000
	0520- 5- 41	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 4' WIDE	LF	284.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	222.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	15,233.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	2,292.000
	0527- 2-	DETECTABLE WARNINGS	SF	1,810.000
	0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	15.000
	0550- 60-222	FENCE GATE, TYPE B, DOUBLE, 6.1-12.0' OPENING	EA	1.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	11,792.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE (TMS)	LF	126.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE (TMS)	EA	5.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL (TMS)	EA	8.000

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	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS (TMS)	EA	8.000
	0695- 7-162	TRAFFIC MONITORING SITE CABINET, F&I, TYPE 3, 2 PANE BACK, PEDESTAL MOUNT (TMS)	EA	2.000
	0695- 7-600	TRAFFIC MONITORING SITE CABINET, REMOVE EXISTING CABINET (TMS)	EA	4.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	3,833.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	3.861
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	2.910
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	4.274
	0710- 11-231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM	2.887
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	8.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44708515201)	LS	1.000
Section 0002 Signing				
	0641- 2- 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER	EA	2.000
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	109.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	1.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	34.000
	0700- 3-204	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 31-50 SF	EA	4.000
	0700- 3-604	SIGN PANEL, REMOVE, 31-50 SF	EA	4.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	65.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	3,482.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44708515201)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.106
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	4,027.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	4,213.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	3,224.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.292
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	130.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	65.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	580.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.163
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	4.927
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	3.762
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	4.586
	0711- 15-231	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SKIP, 6"	GM	2.185

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	0711- 16-133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.117
Section 0003 Signalization				
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	30.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	8,617.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	11.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	4.000
	0633- 4- 1	SIGNALS COMMUNICATION CABLE- TWISTED PAIR CABLE, FURNISH & INSTALL	LF	3,210.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	208.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	3.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	9.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	2,308.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	9.000
	0641- 2- 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	EA	9.000
	0641- 2- 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER	EA	4.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	38.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	1.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	6.000
	0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	1.000
	0649- 21- 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	5.000
	0649- 21- 12	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-40'	EA	1.000
	0649- 21- 13	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-50'	EA	1.000
	0649- 21- 14	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-60'	EA	1.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	1.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	18.000
	0650- 1- 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	6.000
	0650- 1- 70	VEHICULAR TRAFFIC SIGNAL, RELOCATE- INCLUDES REMOVAL AND REINSTALLATION	AS	13.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	34.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	4.000
	0654- 3- 10	MIDBLOCK CROSSWALK: PEDESTRIAN HYBRID BEACON ASSEMBLY, FURNISH & INSTALL COMPLETE ASSEMBLY	AS	20.000
	0660- 1-109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	EA	27.000
	0660- 1-600	LOOP DETECTOR INDUCTIVE, REMOVE- CABINET TO REMAIN	EA	14.000

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ALT	Item	Description	Unit	Quantity
	0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	44.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	13.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	13.000
	0660- 4- 41	VEHICLE DETECTION SYSTEM- VIDEO, RELOCATE CABINET EQUIPMENT	EA	8.000
	0660- 4- 42	VEHICLE DETECTION SYSTEM- VIDEO, RELOCATE ABOVE GROUND EQUIPMENT	EA	4.000
	0665- 1- 12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	EA	42.000
	0670- 5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	8.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	2.000
	0685- 1- 13	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET	EA	10.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	10.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	18.000
	0700- 5- 50	INTERNALLY ILLUMINATED SIGN, RELOCATE	EA	5.000
	0700- 11-191	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, BLANK OUT SIGN, UP TO 12 SF	AS	5.000
	0715- 5- 21	LUMINAIRE & BRACKET ARM, REPLACE LUMINAIRE AND ARM ON EXISTING POLE	EA	4.000
	0715- 5- 31	LUMINAIRE & BRACKET ARM- ALUMINUM, FURNISH & INSTALL NEW LUMINAIRE AND ARM ON NEW/EXISTING POLE	EA	4.000
Section 0004 Intelligent Transportation System				
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	6,300.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	21.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	4.000