

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

Letting: CT180131 Call Order: 002 Proposal: T1693 District:01
 Counties: POLK
 Road Name: EWELL RD
 Limits: FROM E OF EAST IRBY LANE TO OLD HWY 37 AND AT THE INTERSECTION OF LUNN RD
 Project(s): 43450215201(*) Federal Aid No: 8886625A
 Project(s): 43450215601 Federal Aid No: N/A
 Total Roadway Length: 0.777 Miles Contract Days: 250
 Total Bridge Length: 0.011 Miles Letting Date: 01/31/18
 Total Proposal Length: 0.788 Miles Contract Execution Days: 10
 Special Start Date: 05/18/18
 Aquis/Flexible Start Time: N/A
 Proposal Budget Estimate: \$2,589,364.00

Please read the full advertisement

Description:

The improvements under this contract consist milling and resurfacing, base work, widening for turn lanes, overbuild, replacement of Bridge No. 164554 over Poley Creek, drainage improvements, curb and gutter, sidewalks, gravity wall, guardrail, signing and pavement marking, signalization and utility work on Ewell Road from east of East Irby Lane easterly 2.249 miles to Old Highway 37 including improvements at the intersection of Lunn Road in Polk County.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43450215201 Bridge No. 164554)	LS	1.000
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	93.500
	0400- 2- 47	CONCRETE CLASS II, CAST-IN-PLACE TOPPING WITH SHRINKAGE REDUCING ADMIXTURE	CY	78.000
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	40.000
	0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY	447.000
	0400-148-	PLAIN NEOPRENE BEARING PADS	CF	3.200
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	14,514.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	7,620.000
	0415- 1- 6	REINFORCING STEEL- MISCELLANEOUS	LB	940.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	18,460.000
	0450- 8- 33	PRESTRESSED BEAM: FLORIDA SLAB BEAM, BEAM DEPTH 18", WIDTH 55-57"	LF	464.000
	0455- 34- 3	PRESTRESSED CONCRETE PILING, 18" SQ	LF	405.000
	0455-143- 3	TEST PILES-PRESTRESSED CONCRETE,18" SQ	LF	45.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	78.000
	0521- 5- 1	CONCRETE TRAFFIC RAILING- BRIDGE, 32" F - SHAPE	LF	236.000
	0530- 1-	RIPRAP, SAND-CEMENT	CY	80.000
	0530- 3- 3	RIPRAP- RUBBLE, BANK AND SHORE	TN	630.000
	0530- 74-	BEDDING STONE	TN	130.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43450215201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0102- 1-	MAINTENANCE OF TRAFFIC (43450215201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	32.000
	0102- 60-	WORK ZONE SIGN	ED	61,996.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	14,688.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	320.000
	0102- 74- 7	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	LF	5.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,736.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	570.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	378.000
	0104- 1-	ARTIFICIAL COVERINGS /ROLLED EROSION CONTROL PRODUCTS	SY	85.000
	0104- 10- 3	SEDIMENT BARRIER	LF	5,967.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	159.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	15.000
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (43450215201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43450215201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	135.000
	0110- 7- 1	MAILBOX, F&I SINGLE	EA	21.000
	0120- 1-	REGULAR EXCAVATION	CY	1,875.000
	0120- 6-	EMBANKMENT	CY	1,859.000
	0160- 4-	TYPE B STABILIZATION	SY	3,553.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	482.000
	0285-702-	OPTIONAL BASE, BASE GROUP 02	SY	479.000
	0285-705-	OPTIONAL BASE, BASE GROUP 05	SY	1,322.000
	0285-710-	OPTIONAL BASE, BASE GROUP 10	SY	102.000
	0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	6,720.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	5,601.000
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	1,519.000
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	1,210.600
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	53.200
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	105.500
	0400- 1- 2	CONCRETE CLASS I, ENDWALLS	CY	6.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	3.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	5.000
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	1.000
	0425- 1-529	INLETS, DT BOT, TYPE C, MODIFY	EA	2.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	1.000
	0425- 1-551	INLETS, DT BOT, TYPE E, <10'	EA	1.000
	0425- 2- 71	MANHOLES, J-7, <10'	EA	2.000
	0425- 6-	VALVE BOXES, ADJUST	EA	6.000
	0430-174-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"SD	LF	24.000
	0430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD	LF	165.000

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	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	193.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	291.000
	0430-175-218	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18"S/CD	LF	856.000
	0430-200- 23	FLARED END SECTION, CONCRETE, 15"	EA	2.000
	0430-982-625	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 18" CD	EA	6.000
	0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA	15.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	4,594.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	23.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	260.000
	0524- 1- 29	CONCRETE DITCH PAVEMENT, 4", REINFORCED	SY	353.000
	0527- 2-	DETECTABLE WARNINGS	SF	14.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	776.000
	0536- 8- 13	APPROACH TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, TL-3	EA	4.000
	0536- 73-	GUARDRAIL REMOVAL	LF	627.000
	0536- 85- 22	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT-FLARED	EA	2.000
	0536- 85- 24	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT-PARALLEL	EA	2.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	8,503.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	1.418
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.133
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	200.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	296.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	0.008
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.060
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	29.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	1.532
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	357.000
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.064
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	17.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	2.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	32.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	6.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43450215201)	LS	1.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	200.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	251.000

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	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.060
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	27.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	357.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.064
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	1.572
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.094
	0711- 16-131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.008
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	1.686
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.045
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.045
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	755.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	505.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	3.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	33.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	130.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	2.000
	0650- 1- 14	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	13.000
	0650- 1- 16	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	2.000
	0660- 1-109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	EA	8.000
	0660- 1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA	2.000
	0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	8.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	10.000
	0663- 1-111	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, CABINET ELECTRONICS	EA	2.000
	0663- 1-112	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, DETECTOR	EA	6.000
	0670- 5-112	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 2 PREEMPTION	AS	2.000
	0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	1.000
	0685- 1- 13	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET	EA	2.000
	0700- 5- 21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	4.000
Section 0005 Utilities				
	0400- 2- 5	CONCRETE CLASS II, BRIDGE SUBSTRUCTURE	CY	5.000