

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting:	CT250528	Call Order: 019	Proposal: T5854	District:05
Counties:	OSCEOLA			
Road Name:	SR 500 (E IRLO BRONSON MEMORIAL HWY)			
Limits:	FROM CR 532 (NOVA RD) TO ARTHUR J GALLAGHER BLVD			
Project(s):	44879615201(*)	Federal Aid No:	D524047B	
Total Roadway Length:	5.935 Miles	Contract Days:	340	
Total Bridge Length:	0.000 Miles	Letting Date:	05/28/25	
Total Proposal Length:	5.935 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	120 Days	
Proposal Budget Estimate:	\$16,037,353.00			

Please read the full advertisement

Description:

The Improvements under this Contract consist of Milling & Resurfacing, Sidewalk, Drainage Improvements, Traffic Signals, Signing/Pavement Markings, and Intelligent Transportations Systems on State Road 500 from CR 532 (Nova Rd) to Arthur J. Gallagher Blvd, approximately 5.935 miles in Osceola County.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44879615201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44879615201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	320.000
	0102- 60-	WORK ZONE SIGN	ED	55,028.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	50,133.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	2,450.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	704.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	3,500.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	1,360.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	1,360.000
	0102-112-	EXISTING ITS MAINTENANCE	DA	340.000
	0102-115-	TYPE III BARRICADE	ED	1,016.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	1,252.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	1,252.000
	0104- 10- 3	SEDIMENT BARRIER	LF	40,966.000
	0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	1,612.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	77.000
	0107- 1-	LITTER REMOVAL	AC	1,326.080
	0107- 2-	MOWING	AC	1,124.420
	0110- 1- 1	CLEARING & GRUBBING (44879615201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	104.000
	0120- 1-	REGULAR EXCAVATION	CY	4,277.200
	0120- 6-	EMBANKMENT	CY	11,085.300

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	0160- 4-	TYPE B STABILIZATION	SY	2,468.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	717.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	832.000
	0327- 70- 5	MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH	SY	250,270.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	4,190.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	327.500
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	28,171.000
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	418.300
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	3.000
	0425- 1-523	INLETS, DT BOT, TYPE C, JBOT, <10'	EA	1.000
	0425- 1-543	INLETS, DITCH BOTTOM, TYPE D, J BOT, <10'	EA	2.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	3.000
	0425- 2- 71	MANHOLES, J-7, <10'	EA	1.000
	0425- 2- 73	MANHOLES, J-7, PARTIAL	EA	1.000
	0425- 5-	MANHOLE, ADJUST	EA	4.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	82.000
	0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	1,193.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	11.000
	0430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 18"S/CD	LF	306.000
	0430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	254.000
	0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	1.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	3.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	3.000
	0430-984-129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	7.000
	0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA	6.000
	0430-984-629	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 24" SD	EA	4.000
	0515- 1- 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	34.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	47.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	18,432.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	278.000
	0527- 2-	DETECTABLE WARNINGS	SF	648.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	4,911.000
	0536- 1- 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF	424.000
	0536- 6-	PIPE RAIL FOR GUARDRAIL	LF	3,460.000
	0536- 8-112	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I-INDEX 536-001, APPROACH TL-3	EA	6.000
	0536- 73-	GUARDRAIL REMOVAL	LF	2,208.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	5.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	5.000
	0536- 85- 26	GUARDRAIL END TREATMENT- TYPE CRT	EA	2.000
	0550- 10-228	FENCING, TYPE B, 5.1-6.0, RESET EXISTING	LF	907.000
	0570- 1- 1	PERFORMANCE TURF	SY	49,965.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	12,274.000

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	0570- 1- 3	PERFORMANCE TURF, SOD AND SOIL- SHOULDER TREATMENT INDEX 570-010	SY	32,072.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	300.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	95.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	10.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	8.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	16.000
	0695- 7-162	TRAFFIC MONITORING SITE CABINET, F&I, TYPE 3, 2 PANE BACK, PEDESTAL MOUNT	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44879615201)	LS	1.000
Section 0002 Signing				
	0546- 72- 3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	GM	18.539
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	108.000
	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	28.000
	0700- 1-113	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	2.000
	0700- 1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	15.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	45.000
	0700- 2-114	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 30.1-50.0 SF	EA	13.000
	0700- 2-115	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 50.1-100.0 SF	EA	2.000
	0700- 2-500	MULTI-COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	1.000
	0700- 2-600	MULTI-COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	6.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	7.000
	0700- 3-102	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 12-20 SF	EA	11.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	2.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	14.000
	0700- 3-602	SIGN PANEL, REMOVE, 12-20 SF	EA	11.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	92.000
	0700-142-802	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, RELOCATE - GROUND MOUNT	EA	1.000
	0704- 1- 4	TUBULAR MARKER, 36" YELLOW POST	EA	3.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	15.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	4,519.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44879615201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1,765.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	1,521.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	543.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.137
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	3.000

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	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	171.000
	0711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	120.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	557.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.538
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	733.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	13.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	13.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	14.693
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	1.342
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	11.501
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	11.294
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.051
	0713-103-181	PERMANENT TAPE, WHITE, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM	0.050
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.051
	0713-103-381	PERMANENT TAPE, BLACK, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM	0.050
	0713-107-	PREFORMED/PERMANENT TAPE, REMOVE	SF	403.000
Section 0003 Lighting				
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,010.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	8.000
	0715- 5- 51	LUMINAIRE & BRACKET ARM, REMOVE LUMINAIRE AND ARM; POLE REMAINS	EA	1.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	265.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	640.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	21.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	4.000
	0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	1.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	1.000
	0650- 1- 19	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION CLUSTER, 1 WAY	AS	1.000
	0650- 2-109	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED	EA	7.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	4.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	4.000
Section 0005 Intelligent Transportation System				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	6.700
	0611- 2- 1	ITSFM LOCATION DOCUMENTATION- INTERSECTION	EA	5.000

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	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	2.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	32,165.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	3,625.000
	0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	430.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	1,080.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	33,735.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	120.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	7.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	12.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	60.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	5.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	5.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	225.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	19.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	6.000
	0671- 2- 40	TRAFFIC CONTROLLER, MODIFY	EA	5.000
	0676- 1-500	TRAFFIC SIGNAL CONTROLLER CABINET, ADJUST/MODIFY	EA	5.000
	0684- 7- 1	MANAGED HUB ETHERNET SWITCH, FURNISH & INSTALL	EA	3.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	3.000
	0920-681-100	CONNECTED VEHICLE ROAD SIDE UNIT	EA	3.000