

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 08220412 Call Order: 005 Proposal: E8T68 District:08

Counties: PASCO

Road Name: SR 54 OPERATIONAL RAMP IMPROVEMENTS (SR 589) INTERCHANGE

Limits: 14470000

Project(s): 44448615201(*) Federal Aid No: N/A

Total Roadway Length:	0.850 Miles	Contract Days:	329
Total Bridge Length:	0.000 Miles	Letting Date:	04/12/22
Total Proposal Length:	0.850 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	90

Proposal Budget Estimate: \$5,030,342.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for SR 589 and SR 54 Interchange Operational Ramp Improvements, includes adding a northbound deceleration lane, adding a southbound acceleration lane, adding 2 exit ramp auxiliary lanes, signing and pavement marking improvements, signalization improvements, drainage improvements, lighting improvements, and ITS improvements, in Pasco County, from Mile Marker 17.952 to Mile Marker 19.124. No Pre-Bid Conference. Contractor must be prequalified.

The summary of pay items for this project is listed in the Plans.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44448615201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44448615201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (44448615201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (44448615201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	84.000
	0102- 30- 27	TEMPORARY HIGHWAY LIGHTING, PROJECT 444486-1-52-01	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	7,157.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	1,888.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	3,700.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	12,635.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	120.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	60.000
	0102- 78- 1	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER, TYPE D	EA	1,751.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	4.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,075.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	329.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	329.000
	0102-115-	TYPE III BARRICADE	ED	100.000
	0104- 1-	ARTIFICIAL COVERINGS /ROLLED EROSION CONTROL PRODUCTS	SY	302.000

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	0104- 10- 3	SEDIMENT BARRIER	LF	7,145.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	60.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	7.000
	0107- 1-	LITTER REMOVAL	AC	315.720
	0107- 2-	MOWING	AC	315.720
	0110- 1- 1	CLEARING & GRUBBING (44448615201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	1.000
	0120- 1-	REGULAR EXCAVATION	CY	5,842.000
	0120- 6-	EMBANKMENT	CY	9,504.000
	0160- 4-	TYPE B STABILIZATION	SY	14,205.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	4,971.000
	0285-711-	OPTIONAL BASE, BASE GROUP 11	SY	6,488.000
	0285-715-	OPTIONAL BASE, BASE GROUP 15	SY	77.000
	0327- 70- 2	MILLING EXISTING ASPHALT PAVEMENT, 3 1/2" AVG DEPTH	SY	3,787.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	6,556.000
	0327- 70- 11	MILLING EXISTING ASPHALT PAVEMENT, 2 1/4" AVG DEPTH	SY	19,285.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	523.600
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	572.500
	0334- 1- 15	SUPERPAVE ASPHALTIC CONC, TRAFFIC E	TN	331.600
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	800.900
	0334- 1- 55	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, PG76-22	TN	1,999.800
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	861.500
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	798.300
	0337- 7- 88	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC E, FC-12.5, PG 76-22	TN	217.100
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	131.000
	0425- 1-521	INLETS, DT BOT, TYPE C,<10'	EA	1.000
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	11.000
	0425- 2- 71	MANHOLES, J-7, <10'	EA	1.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	606.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	398.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	106.000
	0430-175-230	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 30"S/CD	LF	64.000
	0430-530-102	STRAIGHT CONCRETE ENDWALLS, 30", SINGLE, 0 DEGREES, ELLIPTICAL	EA	1.000
	0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	1.000
	0430-982-633	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 30" CD	EA	2.000
	0431- 1-297	PIPE LINING- CURED IN PLACE, 38" X 24" PROJECT 444486-1-52-01	LF	208.000
	0432- 3- 2	CHEMICAL GROUT REPAIR, PIPE, NON-TEST, 18"	EA	1.000
	0432- 3- 5	CHEMICAL GROUT REPAIR, PIPE, NON-TEST, 30"	EA	4.000
	0432- 3- 6	CHEMICAL GROUT REPAIR, PIPE, NON-TEST, 36"	EA	2.000
	0433- 1-	CHEMICAL GROUT REPAIR, MANHOLE / INLET	EA	1.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	1,331.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	28.000

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ALT	Item	Description	Unit	Quantity
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1.000
	0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	15.000
	0527- 2-	DETECTABLE WARNINGS	SF	71.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	16.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	3,014.000
	0536- 7- 3	SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT	EA	1.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	2.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	2.000
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	1.332
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	30,194.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	5.119
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.470
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	1.030
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	235.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	311.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	263.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	2.501
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.030
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	55.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	2.689
	0999- 16-	PARTNERING, DO NOT BID (44448615201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44448615201)	LS	1.000
Section 0002 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	1.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	4.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	4.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	9.000
	0700- 2- 12	MULTI- POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	1.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	2.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	3.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	1.000
	0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	1.000
	0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	1.000
	0700- 4-113	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 31-40 FT	EA	1.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	770.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	5.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44448615201)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.311

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	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	250.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	360.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	75.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.128
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	37.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	210.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	1.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	1.000
	0711- 14-560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA	1.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	1.088
	0711- 15-102	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	GM	0.195
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	1.539
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	1.089
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.945
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.028
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.199
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.275
Section 0003 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	4,272.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	105.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	31.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	21,101.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	4,306.000
	0715- 4- 14	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT	EA	12.000
	0715- 4- 60	LIGHT POLE COMPLETE, RELOCATE	EA	15.000
	0715- 4- 70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	12.000
	0715- 7- 21	LOAD CENTER, REWORK, SECONDARY VOLTAGE	EA	1.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	27.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	360.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	775.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	1.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	14.000

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	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	4.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	4.000
	0649- 21- 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA	1.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	7.000
	0650- 1- 60	VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN	AS	2.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	2.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	1.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	2.000
	0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	1.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	1.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	1.000
Section 0005 Landscape / Peripheral				
	0581- 1- 1	RELOCATE TREES AND PALMS, PALM, <14' OF CLEAR TRUNK	EA	19.000
Section 0006 Intelligent Transportation System				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	0.850
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	5.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	6,743.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,258.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	24.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	4,399.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	5,041.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	791.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	9,439.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	372.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	3.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	5.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	120.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	5.000
	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	1.000
	0633- 3- 56	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY PATCH PANEL	EA	1.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	329.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	934.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	25.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	8.000
	0635- 2-118	PULL & SPLICE BOX, F&I, HS-20 FOR TPE, 54" X 54"	EA	2.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	6,154.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	2,771.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	2.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	2.000

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	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000
	0660- 7- 22	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 3 OR MORE LANES, AC POWERED	EA	3.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	2.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	2.000
	0685- 1- 12	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION	EA	2.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	2.000
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	10.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	4.000
	0700- 6- 11	HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, UP TO 12 SF	AS	8.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	10.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	8.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	34.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	2.000