

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: CT210609 Call Order: 003 Proposal: T1191 District:01
 Counties: SARASOTA
 Road Name: SR 45 (US 41)
 Limits: FROM BENEVA RD TO CARIBBEAN DR
 Project(s): 43355045201(*) Federal Aid No: D119019B
 Project(s): 43355045202 Federal Aid No: D119019B
 Total Roadway Length: 1.429 Miles Contract Days: 320
 Total Bridge Length: 0.000 Miles Letting Date: 06/09/21
 Total Proposal Length: 1.429 Miles Contract Execution Days: 10
 Special Start Date: N/A
 Aquis/Flexible Start Time: 90 Days (Aqui Time)

Proposal Budget Estimate: \$5,701,109.00

Please read the full advertisement

Description:

The improvements under this contract consist of bike lane facilities and sidewalks, shoulder reconstruction, widening, milling, resurfacing, base work, shoulder treatment, drainage improvements, curb and gutter, median improvements, guardrail, bridge culvert extension, signing, pavement marking, lighting, signalization, and intelligent transportation system components on State Road 45 (US 41) from Beneva Road to Caribbean Drive in Sarasota County.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0400- 4- 1	CONCRETE CLASS IV, CULVERTS	CY	68.400
	0415- 1- 1	REINFORCING STEEL- ROADWAY	LB	13,625.000
	0515- 2-311	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY,42" TYPE 1	LF	73.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43355045201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43355045201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (43355045202)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (43355045202)	LS	1.000
	0102- 3-	COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE	CY	116.300
	0102- 4-	PEDESTRIAN SPECIAL DETOUR (43355045201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	16,176.000
	0102- 61-	BUSINESS SIGN	EA	31.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	396.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	408.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	140,072.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	143,460.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	640.000
	0102- 78-	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER	EA	191.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,428.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	320.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	320.000

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ALT	Item	Description	Unit	Quantity
	0102-913- 21	REMOVABLE TAPE, WHITE, SOLID 6"	GM	1.778
	0102-913- 31	REMOVABLE TAPE, YELLOW, SOLID, 6"	GM	0.457
	0104- 10- 3	SEDIMENT BARRIER	LF	17,551.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	27.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	2.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	40.000
	0107- 1-	LITTER REMOVAL	AC	204.660
	0107- 2-	MOWING	AC	157.820
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (43355045201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (43355045201)	LS	1.000
	0108- 3-	MONITOR EXISTING STRUCTURES- GROUNDWATER MONITORING (43355045201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43355045201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43355045202)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	2,936.000
	0120- 1-	REGULAR EXCAVATION	CY	7,989.600
	0120- 6-	EMBANKMENT	CY	3,484.100
	0160- 4-	TYPE B STABILIZATION	SY	12,185.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	437.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	4,358.000
	0285-710-	OPTIONAL BASE, BASE GROUP 10	SY	3,446.000
	0286- 1-	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS	SY	1,154.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	65,693.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	1,385.400
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76 -22	TN	5,860.300
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	31.300
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	8.700
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	10.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	1.000
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	1.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	22.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	2.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	1.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	1.000
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	128.000
	0430-174-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD	LF	80.000
	0430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD	LF	152.000
	0430-174-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24"SD	LF	28.000
	0430-175-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD	LF	16.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	3,308.000
	0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	4.000
	0430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 18"S/CD	LF	4.000

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ALT	Item	Description	Unit	Quantity
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	8.000
	0430-984-129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	2.000
	0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA	4.000
	0430-984-629	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 24" SD	EA	1.000
	0515- 1- 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	120.000
	0515- 2-311	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY,42" TYPE 1	LF	101.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	8,617.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	18.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	62.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	22.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	8,271.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	867.000
	0522- 3-	BUS BOARDING PAD- CONCRETE	SY	71.000
	0522- 4-	BUS SHELTER PAD- CONCRETE	SY	79.000
	0524- 1- 29	CONCRETE DITCH PAVEMENT, 4", REINFORCED	SY	70.000
	0527- 2-	DETECTABLE WARNINGS	SF	856.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	29.900
	0530- 74-	BEDDING STONE	TN	21.500
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	250.000
	0536- 6-	PIPE RAIL FOR GUARDRAIL	LF	216.000
	0536- 7- 2	SPECIAL GUARDRAIL POST- SPECIAL STEEL POST FOR CONCRETE STRUCTURE MOUNT	EA	1.000
	0536- 7- 3	SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT	EA	4.000
	0536- 73-	GUARDRAIL REMOVAL	LF	238.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	1.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	1.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	51,100.000
	0571- 1- 11	PLASTIC EROSION MAT, TURF REINFORCED MAT, TYPE 1	SY	118.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	210.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	50.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	3.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	4.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	4.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.638
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.743
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	453.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	50.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	2.024
	0710- 11-202	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.080
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	117.000

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	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.123
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43355045201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43355045202)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	69.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	37.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	16.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	103.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	1.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	1.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	2.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	31.000
	0705- 11- 2	DELINEATOR, NON-FLEXIBLE	EA	22.000
	0710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF	1,151.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	224.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43355045201)	LS	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43355045202)	LS	1.000
	0711- 11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM	0.816
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	4,204.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	837.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	560.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.963
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	90.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	300.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.123
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	575.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	42.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	42.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	5.221
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	2.710
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	2.971
	0711- 16-202	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.080
	0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	5.000

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ALT	Item	Description	Unit	Quantity
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	8,262.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	4,295.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	75.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	12,310.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	36,580.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	20,296.000
	0715- 4- 15	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 50' MOUNTING HEIGHT	EA	24.000
	0715- 4- 25	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE SPECIAL FOUNDATION, 50' MOUNTING HEIGHT	EA	2.000
	0715- 4- 60	LIGHT POLE COMPLETE, RELOCATE	EA	27.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	2.000
	0715- 7- 41	LOAD CENTER, REMOVE, SECONDARY VOLTAGE	EA	2.000
	0715- 11-213	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, POLE TOP	EA	41.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	63.000
	0715-511-235	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, GALVANIZED STEEL, 35'	EA	10.000
Section 0005 Intelligent Transportation System				
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,552.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	3,021.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	100.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	1.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	3.000