

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: CT210331 Call Order: 011 Proposal: T2812 District:02

Counties: DUVAL

Road Name: SR 105 (ZOO PKWY)

Limits: FROM BROWARD RD TO W OF ROTA AVE

Project(s): 44132115201(*) Federal Aid No: D220102B

Total Roadway Length:	1.572 Miles	Contract Days:	240
Total Bridge Length:	0.000 Miles	Letting Date:	03/31/21
Total Proposal Length:	1.572 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	15 Days

Proposal Budget Estimate: \$3,363,640.00

Please read the full advertisement

Description:

Railroad insurance is required for this Proposal at time of contract execution. Please see the Specifications Package for more information.

The improvements under this contract consist of milling and resurfacing, base work, shoulder treatment, drainage improvements, curb and gutters, lighting, highway signing, guardrail, sidewalks, and other incidental construction, on SR 105 (Zoo Parkway) from Broward Road to west of Rota Avenue in Duval County.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0458- 1- 21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	LF	357.000
	0458- 2-	POLYMER NOSING FOR BRIDGE DECK EXPANSION JOINT	CF	41.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (44132115201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44132115201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (44132115201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (44132115201)	LS	1.000
	0102- 4-	PEDESTRIAN SPECIAL DETOUR (44132115201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	7,370.000
	0102- 61-	BUSINESS SIGN	EA	1.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	1,700.000
	0102- 71- 26	TEMPORARY BARRIER, RELOCATE, FREE STANDING	LF	838.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	71,535.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	19,440.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	390.000
	0102- 78-	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER	EA	1,237.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	2.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,241.000
	0102-115-	TYPE III BARRICADE	ED	1,090.000
	0104- 1-	ARTIFICIAL COVERINGS /ROLLED EROSION CONTROL PRODUCTS	SY	104.000
	0104- 10- 3	SEDIMENT BARRIER	LF	16,655.000

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	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	9.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	14.000
	0107- 1-	LITTER REMOVAL	AC	87.000
	0107- 2-	MOWING	AC	87.000
	0110- 1- 1	CLEARING & GRUBBING (44132115201)	LS	1.000
	0110- 2- 2	SELECTIVE CLEARING AND GRUBBING, AREAS WITH TREES TO REMAIN	AC	0.650
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	178.000
	0120- 1-	REGULAR EXCAVATION	CY	1,433.000
	0120- 6-	EMBANKMENT	CY	532.000
	0160- 4-	TYPE B STABILIZATION	SY	3,273.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	2,222.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	271.000
	0286- 2-	TURNOUT CONSTRUCTION-ASPHALT/DRIVEWAY BASE- ASPHALT MATERIAL	TN	2.000
	0327- 70- 3	MILLING EXISTING ASPHALT PAVEMENT, 4 1/2" AVG DEPTH	SY	5,406.000
	0327- 70- 4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY	38,824.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	13,136.000
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	4,221.800
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	4,937.700
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	170.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	2.000
	0425- 1-485	INLETS, CURB, TYPE 8, PARTIAL	EA	4.000
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	1.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	2.000
	0425- 15- 41	INLET TOP, REPAIR, CURB INLET	EA	3.000
	0430-175-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD	LF	10.000
	0430-990-	MITERED END SECT, REPLACE GRATE	EA	1.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	6.000
	0520- 2- 1	CONCRETE CURB, TYPE A	LF	23.000
	0520- 2- 2	CONCRETE CURB, TYPE B	LF	261.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	13.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	10.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	108.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	17.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	106.000
	0524- 1- 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY	20.000
	0527- 2-	DETECTABLE WARNINGS	SF	44.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	24.400
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	3,060.000
	0536- 1- 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF	301.000
	0536- 7- 2	SPECIAL GUARDRAIL POST- SPECIAL STEEL POST FOR CONCRETE STRUCTURE MOUNT	EA	8.000
	0536- 7- 3	SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT	EA	3.000
	0536- 73-	GUARDRAIL REMOVAL	LF	2,730.000

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ALT	Item	Description	Unit	Quantity
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	16.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	17.000
	0536- 85- 27	GUARDRAIL END TREATMENT- DOUBLE FACE APPROACH TERMINA	EA	2.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	11,482.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.595
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.156
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44132115201)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	63.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	9.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	3.000
	0700- 1- 14	SINGLE POST SIGN, F&I GROUND MOUNT, 31+ SF	AS	1.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	57.000
	0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	4.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	5.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	1.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	1.000
	0700- 3-249	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF WITH LIGHTING, PROJECT 441321-1-52-01	EA	1.000
	0700- 3-250	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF WITH LIGHTING, PROJECT 441321-1-52-01	EA	4.000
	0700- 3-251	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF WITH LIGHTING, PROJECT 441321-1-52-01	EA	2.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	4.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	5.000
	0700- 3-625	SIGN PANEL, REMOVE, 51-100 SF WITH LIGHTING	EA	1.000
	0700- 3-626	SIGN PANEL, REMOVE, 101-200 SF WITH LIGHTING	EA	4.000
	0700- 3-627	SIGN PANEL, REMOVE PANEL, 201-300 SF WITH LIGHTING	EA	2.000
	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	18.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	3.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	1.000
	0705- 10- 2	OBJECT MARKER, TYPE 2	EA	32.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	4.000
	0705- 11- 2	DELINEATOR, NON-FLEXIBLE	EA	294.000
	0710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF	152.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	236.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44132115201)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.574
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	218.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	693.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	215.000

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	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	10.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	30.000
	0711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	43.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	468.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.027
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	3.609
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.056
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	1.411
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	3.628
	0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	2,396.000
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.233
	0713-103-102	PERMANENT TAPE, WHITE, SOLID, 8" EXIT LANE AT INTERCHANGE ON CONCRETE PAVEMENT	GM	0.046
	0713-103-103	PERMANENT TAPE, WHITE, SOLID LANE DROP MARKING, 12" FOR CONCRETE BRIDGES	GM	0.010
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.225
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.272
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.225
Section 0004 Intelligent Transportation System				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,655.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	180.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	100.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	2.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	2.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	30.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	25.000
	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	2,540.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	4.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	4.000
	0660- 7- 11	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 1 OR 2 LANES	EA	2.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	2.000
	0682- 1-153	ITS CCTV CAMERA, F&I, STATIONARY, IP, HIGH DEFINITION	EA	4.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	2.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	2.000