

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 08240813 Call Order: 001 Proposal: E8V11 District:08

Counties: TURNPIKE

Road Name: FIRST COAST EXPRESSWAY SAFETY(CLAY&DUVAL)(MP31-MP45.7)

Limits: 71470000

Project(s): 44971115201(*) Federal Aid No: N/A

Total Roadway Length:	29.268 Miles	Contract Days:	429
Total Bridge Length:	0.000 Miles	Letting Date:	08/13/24
Total Proposal Length:	29.268 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	120

Proposal Budget Estimate: \$8,174,053.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for safety enhancements along SR 23 (First Coast Expressway) in Clay and Duval County. The intent of this project is to construct guardrail intervention for canal protection within the projects interchanges, wrong way driving countermeasures per FDM Section 230, ethernet switches for District 2 CCTV connectivity, and one backup generator for the ITS master hub. No Pre-Bid Conference. Contractor must be prequalified.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44971115201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44971115201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	1,330.000
	0102- 60-	WORK ZONE SIGN	ED	2,945.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	4,545.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	51.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	410.000
	0102-115-	TYPE III BARRICADE	ED	267.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	64.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	64.000
	0104- 10- 3	SEDIMENT BARRIER	LF	32,736.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	28.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	3.000
	0107- 1-	LITTER REMOVAL	AC	98.160
	0107- 2-	MOWING	AC	98.160
	0110- 1- 1	CLEARING & GRUBBING (44971115201)	LS	1.000
	0120- 1-	REGULAR EXCAVATION	CY	3,563.800
	0120- 6-	EMBANKMENT	CY	788.500
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	2,019.200
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	1.000
	0430-173-118	PIPE CULVERT OPTIONAL MATERIAL, ROUND, 18", GUTTER DRAIN	LF	50.000
	0430-611-225	U-ENDWALL WITH BAFFLES, INDEX 261/430-011, 1:3 SLOPE, 18"PIPE	EA	1.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	170.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	29,042.000

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	0536- 7- 3	SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT	EA	9.000
	0536- 73-	GUARDRAIL REMOVAL	LF	300.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	21.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	24.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	24,267.000
	0999- 16-	PARTNERING, DO NOT BID (44971115201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44971115201)	LS	1.000
Section 0002 Signing				
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	96.000
	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	33.000
	0700- 1-113	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	20.000
	0700- 1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	1.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	40.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	5.000
	0700- 3-406	SIGN PANEL, INSTALL, 101-200 SF	EA	1.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	2.000
	0700- 3-606	SIGN PANEL, REMOVE, 101-200 SF	EA	1.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	28.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	64.000
	0700-141-140	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, HIGHLIGHTED SIGN <12 SF	EA	44.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	182.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44971115201)	LS	1.000
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	31.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	29.000
	0711- 14-660	THERMOPLASTIC, PREFORMED, MULTI COLOR ROUTE SHIELD	EA	21.000
Section 0003 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	299.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	61.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	1.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	872.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	580.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	1,430.000
Section 0004 Intelligent Transportation System				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	14.634
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	48.000
	0611- 2- 3	ITSFM LOCATION DOCUMENTATION- COMMUNICATIONS BUILDING	EA	2.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	13,317.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,916.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	160.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	11,094.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	306.000

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	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	11.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	264.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	11.000
	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	10.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	429.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	68.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	15.000
	0639- 1-420	ELECTRICAL POWER SERVICE, RELOCATE, UNDERGROUND	AS	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	6,860.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	14.000
	0639- 5- 1	EMERGENCY GENERATOR-PERMANENT, UP TO 25 KW	EA	1.000
	0639- 6-121	ELECTRICAL POWER SERVICE- TRANSFORMER, F&I, 5-10 KVA, SINGLE PHASE, COPPER WINDINGS	EA	12.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	11.000
	0660- 7- 21	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 1 OR 2 LANES, AC POWERED	EA	4.000
	0660- 7- 22	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 3 OR MORE LANES, AC POWERED	EA	7.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	11.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	48.000
	0684- 1- 6	MANAGED FIELD ETHERNET SWITCH, REMOVE- CABINET TO REMAIN	EA	37.000
	0684- 7- 1	MANAGED HUB ETHERNET SWITCH, FURNISH & INSTALL	EA	2.000
	0684- 7- 6	MANAGED HUB ETHERNET SWITCH, REMOVE	EA	2.000
	0685- 1- 12	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION	EA	11.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	11.000