

**Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities**

Letting: 04221104 Call Order: 001 Proposal: E4V97 District:04

Counties: BROWARD

Road Name: SR-84 RAIL MONITORING & 4 FEC CROSSINGS - ITS

Limits: 86018000

Project(s): 44175915201(*) Federal Aid No: N/A

Total Roadway Length:	4.301 Miles	Contract Days:	128
Total Bridge Length:	0.000 Miles	Letting Date:	11/04/22
Total Proposal Length:	4.301 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	70

Proposal Budget Estimate: \$2,226,254.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of, but are not limited to, asphaltic concrete (milling and resurfacing), concrete (removal, curb and gutter, sidewalk), signing (panel relocation, overhead sign structure), pavement markings (raised markers, painted, thermoplastic), ITS (CCTV, MVDS, conduit, cable, pull box), monitor existing structures (inspection and settlement, vibration), utility adjustments (manhole), and sod along SR 84, Oakland Park Blvd, Sunrise Blvd, Pembroke Rd, and Hallandale Beach Blvd, for 2.505 miles, in Broward County, FL.

PRE-QUALIFIED: Contractor needs to be pre-qualified.

PERFORMANCE BOND: A Contract / Performance bond is required for this project.

COMMERCIAL GENERAL LIABILITY INSURANCE:

The limits of coverage shall not be less than \$1,000,000 for each occurrence and not less than a \$5,000,000 annual general aggregate, inclusive of amounts provided by an umbrella or excess policy. The limits of coverage described herein shall apply fully to the work or operations performed under the Contract, and may not be shared with or diminished by claims unrelated to the contract. The policy/ies and coverage described herein may be subject to a deductible. Pay all deductibles as required by the policy. No policy/ies or coverage described herein may contain or be subject to a Retention or a Self-Insured Retention.

WORKERS COMPENSATION INSURANCE

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44175915201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44175915201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	1,532.000
	0102- 60-	WORK ZONE SIGN	ED	3,105.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	16,489.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	10,308.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	207.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	294.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	1,152.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	1,152.000
	0102-115-	TYPE III BARRICADE	ED	388.000
	0102-913- 21	REMOVABLE TAPE, WHITE, SOLID 6"	GM	0.072

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ALT	Item	Description	Unit	Quantity
	0104- 10- 3	SEDIMENT BARRIER	LF	76.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	35.000
	0107- 1-	LITTER REMOVAL	AC	0.140
	0107- 2-	MOWING	AC	0.080
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44175915201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44175915201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44175915201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	142.000
	0110- 21-	TREE PROTECTION BARRIER	LF	48.000
	0110- 22-	TREE ROOT AND BRANCH PRUNING	EA	1.000
	0120- 1-	REGULAR EXCAVATION	CY	14.500
	0120- 6-	EMBANKMENT	CY	2.200
	0285-713-	OPTIONAL BASE, BASE GROUP 13	SY	34.000
	0327- 70- 12	MILLING EXISTING ASPHALT PAVEMENT, 1 1/4" AVG DEPTH	SY	459.000
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	4.700
	0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	33.900
	0425- 1-205	INLETS, CURB, TYPE 9, PARTIAL	EA	1.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	62.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	126.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	62.000
	0524- 1- 4	CONCRETE DITCH PAVEMENT, NON REINFORCED, 6"	SY	4.000
	0527- 2-	DETECTABLE WARNINGS	SF	17.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	98.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.022
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	50.000
Section 0002 Signing				
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	2.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	4.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44175915201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	141.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	32.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.005
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	0.015
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.019
Section 0003 Intelligent Transportation System				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	2.505
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	9.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	135.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	11,592.000

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	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	230.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	1,101.000
	0633- 1-124	FIBER OPTIC CABLE, F&I, UNDERGROUND, 97 - 144 FIBERS	LF	12,701.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	94.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	6.000
	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- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	1.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	128.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	1,433.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	29.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	16.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	7.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	3.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	3,517.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	8.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	5.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	8.000
	0646- 2-120	ALUMINUM POLE- INDEX 695-001, FURNISH & INSTALL, 20'	EA	1.000
	0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	6.000
	0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	6.000
	0660- 6-121	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, CABINET EQUIPMENT	EA	1.000
	0660- 6-122	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	1.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	3.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	2.000
	0676- 2-500	ITS CABINET- ADJUST/MODIFY	EA	4.000
	0676- 3- 10	SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D	EA	1.000
	0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	EA	2.000
	0682- 1-153	ITS CCTV CAMERA, F&I, STATIONARY, IP, HIGH DEFINITION	EA	1.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	5.000
	0684- 1- 5	MANAGED FIELD ETHERNET SWITCH, ADJUST / MODIFY	EA	4.000
	0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	6.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	5.000

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	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	5.000
	0700- 8-135	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, FULL COLOR, 51-100 SF	EA	2.000
	0700- 10-122	DMS SUPPORT STRUCTURE, CANTILEVER, 21-30 FT	EA	1.000
	0700- 10-123	DMS SUPPORT STRUCTURE, CANTILEVER, 31-40 FT	EA	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44175915201)	LS	1.000