

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 04240405 Call Order: 001 Proposal: E4X14 District:04

Counties: INDIAN RIVER

Road Name: SR-60/IND R BLVD FR N OF CANAL BR W OF MERRILL P BARBER BR

Limits: 88060000

Project(s): 44932315201(*) Federal Aid No: N/A

Total Roadway Length:	0.700 Miles	Contract Days:	209
Total Bridge Length:	0.000 Miles	Letting Date:	04/05/24
Total Proposal Length:	0.700 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	120

Proposal Budget Estimate: \$2,946,079.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of , but are not limited to, maintenance of traffic (standard), sediment control (barrier, inlet protection), litter removal and mowing, monitor existing structures (inspection, settlement, vibration), concrete (removal, curb, gutter), asphalt (milling, superpave, friction), drainage (inlets, pipe culvert), pavement markings (detectable, raised, painted, thermoplastic, tape), signing (single-post, multi-post, panel), lighting (conduit, pull/splice box, conductors, luminaire), signalization (vehicle detection system, pedestrian detector, internally-illuminated, rectangular rapid flashing beacon, traffic controller assembly), electrical (service wire, service disconnect, power service) at the SR 60/Indian River Blvd and Merril P. Barber Bridge intersection in the City of Vero Beach, Indian River County.

- PRE-QUALIFIED: Contractor must be pre-qualified.
- PERFORMANCE BOND: A Contract / Performance bond is required for this project.

PLEASE READ STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FY2023-24 (SECTION 7-13) FOR INSURANCE LIMITS.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44932315201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44932315201)	LS	1.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (44932315201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	44.000
	0102- 60-	WORK ZONE SIGN	ED	11,196.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	1,324.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	20,565.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	242,382.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	804.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	392.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	209.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	209.000
	0102-115-	TYPE III BARRICADE	ED	276.000
	0104- 10- 3	SEDIMENT BARRIER	LF	2,401.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	6.000

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	0107- 1-	LITTER REMOVAL	AC	83.940
	0107- 2-	MOWING	AC	9.780
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44932315201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44932315201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44932315201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	1,034.000
	0110- 73-	REMOVE EXISTING BULKHEAD	LF	435.000
	0120- 1-	REGULAR EXCAVATION	CY	679.000
	0120- 6-	EMBANKMENT	CY	94.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	205.000
	0285-715-	OPTIONAL BASE, BASE GROUP 15	SY	341.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	11,801.000
	0327- 70- 40	MILLING EXISTING ASPHALT PAVEMENT, 10" AVG DEPTH	SY	205.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	75.000
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	1,018.600
	0400- 4- 8	CONC CLASS IV, BULKHEAD	CY	152.000
	0415- 1- 8	REINFORCING STEEL- BULKHEAD	LB	10,585.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	94.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	1.000
	0425- 1-365	INLETS, CURB, TYPE P-6, PARTIAL	EA	1.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	1.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	8.000
	0515- 1- 42	PIPE HANDRAIL - GUIDERAIL, RELOCATE, ALUMINUM	LF	10.000
	0515- 2-311	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY, 42" TYPE 1	LF	268.000
	0515- 4- 1	BULLET RAIL, SINGLE RAIL	LF	435.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	906.000
	0521- 5- 4	CONCRETE TRAFFIC RAILING- BRIDGE, 32" VERTICAL FACE	LF	435.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	700.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	96.000
	0524- 2- 2	CONCRETE SLOPE PAVEMENT, NON REINFORCED, 4"	SY	6.000
	0527- 2-	DETECTABLE WARNINGS	SF	36.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	12.000
	0536- 73-	GUARDRAIL REMOVAL	LF	402.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	1.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	37.000
	0570- 1- 3	PERFORMANCE TURF, SOD AND SOIL- SHOULDER TREATMENT INDEX 570-010	SY	439.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	389.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	1.959
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	0.046
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	108.000

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	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	376.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	1.225
	0710- 11-133	PAINTED PAVEMENT MARKING, STANDARD, WHITE, 3'-9' SKIP DROP LINE AND APPROACH TO TOLL PLAZA, 12" WIDE,	GM	0.025
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.216
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	13.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	33.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.153
	0999- 16-	PARTNERING, DO NOT BID (44932315201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44932315201)	LS	1.000
Section 0002 Signing				
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	10.000
	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	3.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	15.000
	0700- 2-113	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	1.000
	0700- 2-600	MULTI-COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	1.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	3.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	3.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	6.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	252.000
	0710- 12-290	PAINTED PAVEMENT MARKINGS, DURABLE PAINT, YELLOW, ISLAND NOSE	SF	8.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44932315201)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.046
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	108.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	143.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.176
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	8.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	29.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.040
	0711- 14-123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	232.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	181.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	5.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	4.000
	0711- 14-560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA	1.000

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	0711- 14-570	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST, ARROW ON CONCRETE SURFACE	EA	1.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	0.719
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.203
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	0.263
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.454
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.072
	0711- 16-133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.025
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.153
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.005
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.012
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.004
	0920-714-100	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE	SF	1,459.000
Section 0003 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	333.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	273.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	11.000
	0639- 1-123	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER NOT REQUIRED	AS	1.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	2.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	3.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	2,503.000
	0715- 5- 30	LUMINAIRE & BRACKET ARM, INSTALL	EA	2.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	1.000
	0715- 61-352	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT, 15' ARM LENGTH	EA	1.000
	0715- 65-366	LIGHT POLE COMPLETE, F&I, UTILITY CONFLICT POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT, 16' ARM LENGTH	EA	1.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	4.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	319.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	381.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	585.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	425.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	4.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	12.000
	0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	1.000

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	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	1.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	1.000
	0635- 2- 14	PULL & SPLICE BOX, F&I, 17" X 30" COVER SIZE	EA	19.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	225.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	1.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1.000
	0641- 2- 80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	EA	4.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	2.000
	0649- 21- 3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	EA	1.000
	0649- 21- 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	1.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	1.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	8.000
	0650- 1- 18	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION STRAIGHT, 1 WAY	AS	1.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	2.000
	0654- 2- 60	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, REMOVE COMPLETE SIGN ASSEMBLY	AS	2.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	1.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	3.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	2.000
	0670- 5-111	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS	1.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	1.000
	0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	EA	1.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	1.000
	0685- 1- 13	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET	EA	1.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	2.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	3.000