

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

Letting: 04220304                      Call Order: 005      Proposal: E4V74                      District:04

Counties: ST LUCIE

Road Name: SR-9/I-95 NB AND SB RAMPS INTERCHANGE IMPROVEMENT

Limits: 94001007

Project(s): 43975415201(\*)                      Federal Aid No: N/A

Total Roadway Length:	0.402 Miles	Contract Days:	220
Total Bridge Length:	0.000 Miles	Letting Date:	03/04/22
Total Proposal Length:	0.402 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	120

Proposal Budget Estimate:                      \$2,287,970.00

Please read the full advertisement

**Description:**

The Improvements under this Contract consist of, but are not limited to, concrete (removal, gravity wall, curb, gutter, mitered end, sidewalk, driveways), asphalt (milling, superpave, friction course), signing (single post, multi-post, object marker, delineator, overhead panel, highlighted), pavement markings (raised, painted, thermoplastic), lighting (conduit, pull box, splice box, conductors, luminaire, high mast fixture), signalization (conduit, signal cable, mast arm, vehicular signal and detection, wrong-way detection, controller), ITS (conduit, fiber optic and locator, pull box, splice box, communication cable, camera), electrical (power, service, disconnect, uninterruptible, remote management), drainage (pipe culvert), tree and palm (protection, relocations), and sod along State Road 9 (I-95) Northbound and Southbound Off-Ramps (Exit 126) at Midway Road (County Road 712) for 0.402 miles in the City of Port St. Lucie, St. Lucie County.

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.

**Call Order: 005 Proposal: E4V74**

ALT	Item	Description	Unit	Quantity
<b>Section 0001 Roadway</b>				
	0101- 1-	MOBILIZATION (43975415201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43975415201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (43975415201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (43975415201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	48.000
	0102- 60-	WORK ZONE SIGN	ED	19,400.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	2,507.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	16,530.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	615.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	468.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	440.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	440.000

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ALT	Item	Description	Unit	Quantity
	0102-115-	TYPE III BARRICADE	ED	375.000
	0104- 10- 3	SEDIMENT BARRIER	LF	4,586.000
	0107- 1-	LITTER REMOVAL	AC	49.730
	0107- 2-	MOWING	AC	36.710
	0110- 1- 1	CLEARING & GRUBBING (43975415201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	33.000
	0110- 21-	TREE PROTECTION BARRIER	LF	484.000
	0120- 1-	REGULAR EXCAVATION	CY	1,243.000
	0120- 6-	EMBANKMENT	CY	4,164.700
	0160- 4-	TYPE B STABILIZATION	SY	10,361.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	9,544.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	5,470.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	1,101.700
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	1,227.400
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	3.700
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	39.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	4.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	92.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	14.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	13,426.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	420.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	1.514
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.162
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	55.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	0.165
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	24.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.996
	0999- 16-	PARTNERING, DO NOT BID (43975415201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43975415201)	LS	1.000
<b>Section 0002 Signing</b>				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	7.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	5.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	1.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	22.000
	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	54.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	576.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	71.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43975415201)	LS	1.000

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	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	112.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	130.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.076
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	6.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	26.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.070
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.807
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.207
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",1C-30 SKIP OR 3-9 LANE DROP	GM	0.165
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.451
<b>Section 0003 Lighting</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	20.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	331.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	5.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	100.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	855.000
	0715- 1- 40	LIGHTING CONDUCTORS, RELOCATE EXISTING CONDUCTOR	LF	108.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	868.000
	0715- 5- 30	LUMINAIRE & BRACKET ARM, INSTALL	EA	1.000
	0715- 19- 51	HIGH MAST LIGHT POLE, REPLACE HPS LIGHT FIXTURE ON EXISTING POLE	EA	16.000
<b>Section 0004 Signalization</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	19.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	243.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	2.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	2.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	8.000
	0649- 21- 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	1.000
	0649- 21- 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA	1.000
	0649- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION-BOLT ON ATTACHMENT	EA	2.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	5.000
	0650- 1- 19	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION CLUSTER, 1 WAY	AS	1.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	2.000
	0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	2.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	3.000

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	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000
<b>Section 0005 Landscape / Peripheral</b>				
	0581- 1- 4	RELOCATE TREES AND PALMS,TREES, <5" DIAMETER AT BREAST HEIGHT	EA	1.000
	0581- 1- 5	RELOCATE TREES AND PALMS,TREES, TREES, >=5" DIAMETER AT BREAST HEIGHT	EA	1.000
	0581- 1- 7	RELOCATE TREES AND PALMS,PALMS, <14' OF CLEAR TRUNK, SABAL PALM ONLY	EA	1.000
	0581- 1- 8	RELOCATE TREES AND PALMS, >=14' OF CLEAR TRUNK, SABAL PALM ONLY	EA	1.000
<b>Section 0006 Intelligent Transportation System</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	6,834.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	799.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	6,822.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	32.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	4.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	24.000
	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- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	2.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	220.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	716.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	15.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	10.000
	0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS	2.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	1,410.000
	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
	0660- 7- 12	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 3 OR MORE 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	2.000
	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
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	2.000
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	8.000
	0700- 6- 11	HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, UP TO 12 SF	AS	2.000
	0700- 6- 21	HIGHLIGHTED SIGN, F&I GROUND MOUNT- SOLAR POWERED, UP TO 12 SF	AS	6.000