

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

Letting: 04230203 Call Order: 002 Proposal: E4W38 District:04

Counties: MARTIN

Road Name: SR-5/US-1 FROM SE CONTRACTORS WAY TO N JENSEN BEACH BLVD

Limits: 89010000

Project(s): 44611015201(*) Federal Aid No: N/A

Project(s): 44611015202 Federal Aid No: N/A

Project(s): 44611015203 Federal Aid No: N/A

Total Roadway Length:	17.319 Miles	Contract Days:	345
Total Bridge Length:	0.007 Miles	Letting Date:	02/03/23
Total Proposal Length:	17.326 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	60

Proposal Budget Estimate: \$10,958,097.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of but are not limited to, bridge rehabilitation (poured joint, polymer nosing), monitor existing structures (inspection, settlement, vibration), asphalt (widening, milling, stabilization, base, superpave, friction course, miscellaneous), concrete (retaining wall, traffic separator, curb, gutter, sidewalk, driveways, pipe filling/plugging), steel (miscellaneous reinforcing, pedestrian/bike railing), guardrail (pipe rail, special post, removal, end treatment), drainage (inlets, manhole, pipe culvert, mitered end), lighting (conductors, relocate pole, pavement markings (detectable warnings, channelizing curb), signalization (ITSFM, signal pedestal/pole, signal pole removal, signal cable, fiber optic locator, vehicular signal, pedestrian signal, loop), signing (internally-illuminated, single-post, multi-post, panel, strip, tubular, object, raised, painted, thermoplastic, bike lane), traffic monitoring (sensor, loop, cabinet), conduit, pull/splice box, utility adjustments (manhole, valve box), MOT (standard, temporary signalization and maintenance, temporary traffic detection and maintenance), erosion control (sediment barrier, inlet protection), tree (removal), and sod along State Road 5 (US-1) from SE Contractors Way to County Road 732 (North Jensen Beach Boulevard), at SW Palm City Road, select signalized intersections, SW Ocean Blvd, north of Bridge No. 890151/890152 (Roosevelt Bridge), and at Bridge No. 890002 (Frazier Creek Bridge) for 3.65 miles in The City of Stuart, the City of Port Saint Lucie, and unincorporated Martin 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.

WORKERS COMPENSATION INSURANCE

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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	197.000
	0458- 2-	POLYMER NOSING FOR BRIDGE DECK EXPANSION JOINT	CF	36.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (44611015201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44611015201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	1,456.000
	0102- 60-	WORK ZONE SIGN	ED	104,761.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	200.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	456,090.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	69,504.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	8,625.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	774.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	4,140.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	4,140.000
	0102-115-	TYPE III BARRICADE	ED	168.000
	0104- 10- 3	SEDIMENT BARRIER	LF	2,921.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	125.000
	0107- 1-	LITTER REMOVAL	AC	249.370
	0107- 2-	MOWING	AC	188.680
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44611015201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44611015201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44611015201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	4,665.000
	0110- 7- 1	MAILBOX, F&I SINGLE	EA	1.000
	0110- 23-	TREE REMOVAL	EA	2.000
	0120- 1-	REGULAR EXCAVATION	CY	298.100
	0120- 6-	EMBANKMENT	CY	832.600
	0160- 4-	TYPE B STABILIZATION	SY	3,430.000
	0210- 1- 1	REWORKING LIMEROCK BASE, 6"	SY	6,253.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	2,331.000
	0327- 70- 12	MILLING EXISTING ASPHALT PAVEMENT, 1 1/4" AVG DEPTH	SY	13,245.000
	0327- 70- 15	MILLING EXISTING ASPHALT PAVEMENT, 2 3/4" AVG DEPTH	SY	177,802.000
	0327- 70- 22	MILLING EXISTING ASPHALT PAVEMENT, 4 1/4" AVG DEPTH	SY	1,574.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	15,237.400
	0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	13,397.200
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	5.800
	0400- 4- 11	CONC CLASS IV, RETAINING WALLS	CY	17.800
	0415- 1- 6	REINFORCING STEEL- MISCELLANEOUS	LB	3,618.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	4.000
	0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	2.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	6.000
	0425- 1-711	INLETS, GUTTER, TYPE V, <10'	EA	1.000
	0425- 1-713	INLETS, GUTTER, TYPE V, J BOT, <10'	EA	1.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	5.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	4.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	1.000

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ALT	Item	Description	Unit	Quantity
	0425- 5-	MANHOLE, ADJUST	EA	28.000
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	183.000
	0430-174-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD	LF	122.000
	0430-174-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24"SD	LF	360.000
	0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	39.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	681.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	32.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	8.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	8.000
	0430-175-224	PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	227.000
	0430-830-	PIPE FILLING AND PLUGGING- PLACE OUT OF SERVICE	CY	6.600
	0430-982-123	MITERED END SECTION, OPTIONAL ROUND, 15" CD	EA	1.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	2.000
	0430-984-129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	2.000
	0430-984-629	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 24" SD	EA	1.000
	0515- 2-211	PEDESTRIAN / BICYCLE RAILING, STEEL, 42" TYPE 1	LF	20.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	124.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	4,617.000
	0520- 2- 2	CONCRETE CURB, TYPE B	LF	9.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	125.000
	0520- 3-	VALLEY GUTTER- CONCRETE	LF	125.000
	0520- 5- 41	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 4' WIDE	LF	372.000
	0520- 5- 42	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 6' WIDE	LF	401.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	102.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	3,562.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1,316.000
	0527- 2-	DETECTABLE WARNINGS	SF	1,043.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	513.000
	0536- 6-	PIPE RAIL FOR GUARDRAIL	LF	388.000
	0536- 7- 2	SPECIAL GUARDRAIL POST- SPECIAL STEEL POST FOR CONCRETE STRUCTURE MOUNT	EA	15.000
	0536- 7- 4	SPECIAL GUARDRAIL POST- FRANGIBLE LEAVE-OUT FOR MOUNTING THROUGH CONCRETE SURFACE	EA	29.000
	0536- 73-	GUARDRAIL REMOVAL	LF	341.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	2.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	2.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	8,686.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	109.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	274.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	6.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	18.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	18.000

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	0695- 7-132	TRAFFIC MONITORING SITE CABINET, FURNISH & INSTALL, TYPE 3, PEDESTAL MOUNT	EA	3.000
	0695- 7-600	TRAFFIC MONITORING SITE CABINET, REMOVE EXISTING CABINET	EA	2.000
	0999- 16-	PARTNERING, DO NOT BID (44611015201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44611015201)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	233.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	38.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	2.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	2.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	124.000
	0700- 2- 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	1.000
	0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	4.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	3.000
	0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	1.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	9.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	8.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	118.000
	0704- 1- 2	TUBULAR MARKER, DURABLE, 36" YELLOW POST	EA	69.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	19.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	7,437.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44611015201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	7,800.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	568.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	1,823.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	2.644
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	388.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	92.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.554
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	3,416.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	63.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	63.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	10.841
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.858
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",1C-30 SKIP OR 3-9 LANE DROP	GM	12.868
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	7.151
	0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.008
	0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	78.000

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	0920-714-100	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE	SF	12,275.000
	0921-703- 1	CHANNELIZING CURB, CENTERLINE, 6' UNIT LENGTH, PROJECT 446110-1-52-01	EA	5.000
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	10.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	124.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	9.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	755.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	755.000
	0715- 68-000	LIGHT POLE COMPLETE, RELOCATE	EA	5.000
Section 0005 Signalization				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	3.650
	0611- 2- 1	ITSFM LOCATION DOCUMENTATION- INTERSECTION	EA	9.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	891.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,607.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	9.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	9.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	345.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	79.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	1.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	49.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	7.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	14.000
	0650- 1- 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	2.000
	0650- 1- 60	VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN	AS	2.000
	0650- 2-109	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED	EA	59.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	44.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	6.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	34.000
	0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	27.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	56.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	33.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	32.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	2.000
Section 0006 Utilities				
	0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	4.000
	0425- 6-	VALVE BOXES, ADJUST	EA	35.000
	0999- 26-	LOCAL AGENCY INITIAL CONTINGENCY AMOUNT (DO NOT BID) (44611015202)	LS	1.000

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	0999- 26-	LOCAL AGENCY INITIAL CONTINGENCY AMOUNT (DO NOT BID) (44611015203)	LS	1.000