

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 04240802 Call Order: 001 Proposal: E4X25 District:04

Counties: PALM BEACH

Road Name: SR-804 FROM SR-7/US-441 TO LYONS ROAD - RESURFACING

Limits: 93200000

Project(s): 44766515201(*) Federal Aid No: N/A

Total Roadway Length:	2.044 Miles	Contract Days:	224
Total Bridge Length:	0.012 Miles	Letting Date:	08/02/24
Total Proposal Length:	2.056 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	120

Proposal Budget Estimate: \$3,210,431.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of, but are not limited to, MOT (standard, special detour, traffic control officer, barrier, channelizing, crash cushion, signalization, traffic detection, barricade), protections (sediment, floating turbidity, inlet), monitor structures (inspection, settlement), bridge (removal, superstructure, expansion joint, railing, reinforcing steel), earthwork (excavation, embankment), concrete (removal, prestressed pole, curb and gutter, valley gutter, sidewalk, driveways, shoulder barrier, ditch pavement), asphalt (milling, resurfacing, miscellaneous), guardrail (general, transition, end treatment, removal), drainage (inlets, modify existing, pipe culvert, MES), pavement markings (painted, thermoplastic, tape, bike lane), signing (single-column, multi-column, panel install, panel remove, reflective strip, object marker, RPM), lighting (pole complete, cable distribution system, conductors), signalization (aluminum pole install, aluminum pole remove, backplate retrofit, loop assembly, vehicle detection, pedestrian detection), electrical (power service, service wire, service disconnect), conduit, pull/splice box, utilities (manhole adjustments), and sod along State Road 804 (Boynton Beach Boulevard) for 1.022 miles from State Road 7 (US 441) to Lyons Road in unincorporated Palm Beach 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 FY2024-25 (SECTION 7-13) FOR INSURANCE LIMITS.

Award of this contract is contingent upon Annual Legislative appropriation Budget Approval of Fiscal Year2025 funds.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (44766515201)	LS	1.000
	0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY	9.500
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	14.800
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	1,779.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	2,805.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	32.000
	0521- 5- 5	CONCRETE TRAFFIC RAILING- BRIDGE, 42" VERTICAL FACE	LF	101.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (44766515201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0102- 1-	MAINTENANCE OF TRAFFIC (44766515201)	LS	1.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (44766515201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	800.000
	0102- 60-	WORK ZONE SIGN	ED	8,724.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	78.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	94.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	46,748.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	65,940.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	672.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	3.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	952.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	672.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	672.000
	0102-115-	TYPE III BARRICADE	ED	448.000
	0104- 10- 3	SEDIMENT BARRIER	LF	1,794.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	102.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	11.000
	0107- 1-	LITTER REMOVAL	AC	61.970
	0107- 2-	MOWING	AC	55.170
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44766515201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44766515201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	1,261.000
	0120- 1-	REGULAR EXCAVATION	CY	148.000
	0120- 6-	EMBANKMENT	CY	312.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	45,066.000
	0327- 70- 19	MILLING EXISTING ASPHALT PAVEMENT, 3/4" AVG DEPTH	SY	4,953.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	7.300
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	198.100
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	3,718.200
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	5.800
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	1.000
	0425- 1-521	INLETS, DT BOT, TYPE C,<10'	EA	1.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	1.000
	0425- 5-	MANHOLE, ADJUST	EA	9.000
	0425- 11-	MODIFY EXISTING DRAINAGE STRUCTURE	EA	1.000
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	323.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	2.000
	0515- 1- 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	15.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	1,171.000
	0520- 3-	VALLEY GUTTER- CONCRETE	LF	830.000
	0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF	16.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	1,025.000

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	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	455.000
	0524- 1- 29	CONCRETE DITCH PAVEMENT, 4", REINFORCED	SY	25.000
	0527- 2-	DETECTABLE WARNINGS	SF	495.000
	0536- 1- 0	GUARDRAIL -ROADWAY, GENERAL/LOW SPEED TL-2	LF	94.000
	0536- 8-111	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I-INDEX 536-001, APPROACH TL-2	EA	1.000
	0536- 8-112	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I-INDEX 536-001, APPROACH TL-3	EA	1.000
	0536- 8-113	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I-INDEX 536-001, TRAILING	EA	1.000
	0536- 73-	GUARDRAIL REMOVAL	LF	211.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	1.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	460.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	4.636
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.049
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	3,176.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	108.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	669.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	1.707
	0710- 11-133	PAINTED PAVEMENT MARKING, STANDARD, WHITE, 3'-9' SKIP DROP LINE AND APPROACH TO TOLL PLAZA, 12" WIDE,	GM	0.062
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	1.229
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	11.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	107.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	1.955
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	269.000
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.225
	0999- 16-	PARTNERING, DO NOT BID (44766515201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44766515201)	LS	1.000
Section 0003 Signing				
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	77.000
	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	17.000
	0700- 1-113	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	1.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	92.000
	0700- 2-114	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 30.1-50.0 SF	EA	2.000
	0700- 2-500	MULTI-COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	1.000
	0700- 2-600	MULTI-COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	2.000

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	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	1.000
	0700- 3-204	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 31-50 SF	EA	2.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000
	0700- 3-604	SIGN PANEL, REMOVE, 31-50 SF	EA	2.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	24.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	5.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	1,498.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	148.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44766515201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	3,176.000
	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	669.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.229
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	11.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	107.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	269.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.225
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1,179.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	24.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	30.000
	0711- 14-527	THERMOPLASTIC, PREFORMED, 24" WHITE WITH 4" BLACK CONTRAST FOR STOP LINE ON CONCRETE PAVEMENT, 32"	LF	75.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	0.197
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.018
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	0.084
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	4.439
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.049
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	1.689
	0711- 16-133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.062
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	1.871
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.139
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.030
	0714- 10-	GREEN-COLORED PAVEMENT MARKINGS, BIKE LANE	SF	5,274.000
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	5.000

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ALT	Item	Description	Unit	Quantity
	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	63.000
	0715- 61-342	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT, 12' ARM LENGTH	EA	1.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	1.000
Section 0005 Signalization				
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	873.000
	0635- 2- 14	PULL & SPLICE BOX, F&I, 17" X 30" COVER SIZE	EA	25.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	109.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	50.000
	0639- 3- 60	ELECTRICAL SERVICE DISCONNECT, REMOVE- POLE OR CABINET TO REMAIN	EA	1.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000
	0641- 2- 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	EA	1.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	1.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	1.000
	0650- 2-109	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED	EA	41.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	21.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	2.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	2.000
	0660- 4- 60	VEHICLE DETECTION SYSTEM- VIDEO, REMOVE	EA	3.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	5.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	3.000