

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

Letting: 04230804 Call Order: 001 Proposal: E4W61 District:04

Counties: PALM BEACH

Road Name: SR-802/LAKE AVE/LUCERNE AVE

Limits: 93180000

Project(s): 44610415201(*) Federal Aid No: N/A

Total Roadway Length:	2.401 Miles	Contract Days:	287
Total Bridge Length:	0.000 Miles	Letting Date:	08/04/23
Total Proposal Length:	2.401 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	70

Proposal Budget Estimate: \$4,620,419.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of, but are not limited to, MOT (standard, traffic control officer, temporary signalization and maintenance, temporary traffic detection and maintenance), environmental (sediment barrier, inlet protection), monitor existing structures (inspection, settlement, vibration), concrete (removal, curb, curb and gutter, sidewalk, driveways), asphalt (milling, resurfacing), pavers (remove, reinstall), pavement markings (detectable, painted, thermoplastic, bike lane), signing (single-post, panel, enhanced sign F&I, enhanced sign removal, retroreflective sign strip, tubular marker, raised marker), lighting (conductors, cable distribution system, pole complete F&I/relocate/remove), signalization (signal cable new, signal cable repair, aluminum pole pedestal, aluminum pole removal, signal backplate retrofit, pedestrian signal, pedestrian detector, loop detector, ITS CCTV), guardrail (removal, roadway, deep post, transition, end treatment), conduit, pull/splice box, drainage (inlets, pipe culvert, trench drain), utilities (manhole adjustment), tree (root and branch pruning, tree well restoration), and sod along State Road 802 (Lucerne Avenue/Lake Avenue) from east of A Street to east of Golfview Road for 2.382 miles in the City of Lake Worth Beach, Palm Beach County.

PRE-QUALIFIED: Contractor needs to 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

Funds Approval for Fiscal Year 2024 is contingent upon Annual Legislative appropriation.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44610415201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44610415201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	376.000
	0102- 60-	WORK ZONE SIGN	ED	15,597.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	349.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	192.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	13,545.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	3,228.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	1,120.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	634.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	1,148.000

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ALT	Item	Description	Unit	Quantity
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	1,148.000
	0102-115-	TYPE III BARRICADE	ED	620.000
	0104- 10- 3	SEDIMENT BARRIER	LF	371.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	165.000
	0107- 1-	LITTER REMOVAL	AC	98.480
	0107- 2-	MOWING	AC	7.200
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44610415201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44610415201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44610415201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	2,825.000
	0110- 22-	TREE ROOT AND BRANCH PRUNING	EA	111.000
	0327- 70- 12	MILLING EXISTING ASPHALT PAVEMENT, 1 1/4" AVG DEPTH	SY	50,076.000
	0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	3,442.700
	0415- 1- 1	REINFORCING STEEL- ROADWAY	LB	2,676.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	1.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	2.000
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	1.000
	0425- 1-533	INLETS, DITCH BOTTOM TYPE C MODIFIED- BACK OF SIDEWALK, J BOT, <10'	EA	1.000
	0425- 5-	MANHOLE, ADJUST	EA	67.000
	0430-175-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD	LF	18.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	73.000
	0436- 1- 1	TRENCH DRAIN, STANDARD	LF	98.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	2,865.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	283.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	277.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	2,351.000
	0526- 1-101	PAVERS, ARCHITECTURAL, REMOVE EXISTING AND REINSTALL	SY	672.000
	0527- 2-	DETECTABLE WARNINGS	SF	1,791.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	361.000
	0536- 7- 1	SPECIAL GUARDRAIL POST- DEEP POST FOR SLOPE BREAK CONDITION- TIMBER OR STEEL	EA	57.000
	0536- 8-122	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-002, APPROACH TL-3	EA	1.000
	0536- 8-123	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-002, TRAILING	EA	1.000
	0536- 73-	GUARDRAIL REMOVAL	LF	261.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	1.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	1.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	289.000
	0580- 12- 50	LANDSCAPE- TREE WELL SYSTEM RESTORATION (44610415201)	LS	1.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.254
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.131

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ALT	Item	Description	Unit	Quantity
	0751- 38- 50	BENCH, RELOCATE	EA	26.000
	0999- 16-	PARTNERING, DO NOT BID (44610415201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS	1.000
Section 0002 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	145.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	109.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	4.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	187.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	4.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	1.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	4.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	221.000
	0700-141-111	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/BEACON, UP TO 12 SF OF STATIC SIGN PANELS	EA	2.000
	0700-141-902	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, REMOVE - GROUND MOUNT	EA	2.000
	0704- 1- 1	TUBULAR MARKER, DURABLE, 36" WHITE POST	EA	10.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	1,712.000
	0710- 12-290	PAINTED PAVEMENT MARKINGS, DURABLE PAINT, YELLOW, ISLAND NOSE	SF	39.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44610415201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	7,994.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	2,969.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	835.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.424
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	13.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	46.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	280.000
	0711- 11-421	THERMOPLASTIC, STANDARD, BLUE, SOLID,6"	LF	168.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1,645.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	52.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	84.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	5.452
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.005
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",1C -30 SKIP OR 3-9 LANE DROP	GM	1.587
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.572
	0920-714-100	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE	SF	712.000
Section 0003 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	191.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	584.000

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	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	45.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	3,766.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	510.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	21.000
	0715-516-320	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I ,POLE TOP MOUNT, CONCRETE, 20'	EA	6.000
	0715-540-000	LIGHT POLE COMPLETE- SPECIAL DESIGN, RELOCATE	EA	15.000
	0715-550-000	LIGHT POLE COMPLETE- SPECIAL DESIGN, REMOVE	EA	1.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	418.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,184.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	6.000
	0632- 7- 2	SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL	LF	8.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	2.000
	0635- 2- 14	PULL & SPLICE BOX, F&I, 17" X 30" COVER SIZE	EA	77.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	26.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	9.000
	0650- 2-109	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED	EA	22.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	28.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	3.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	16.000
	0660- 1-109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	EA	25.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	35.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	34.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	16.000
	0682- 1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	2.000