

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 04230505 Call Order: 009 Proposal: E4W58 District:04

Counties: PALM BEACH

Road Name: SR-802/LAKE WORTH ROAD ROUNDABOUT PEDESTRIAN - SAFETY

Limits: 93000030

Project(s): 44004615201(*) Federal Aid No: N/A

Total Roadway Length:	1.069 Miles	Contract Days:	175
Total Bridge Length:	0.000 Miles	Letting Date:	05/05/23
Total Proposal Length:	1.069 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	120

Proposal Budget Estimate: \$2,491,562.00

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 (inlet protection, tree and branch pruning, tree removal), earthwork (geosynthetic reinforced soils foundation), concrete (removal, curb and gutter, sidewalk, driveways, prestressed pole), asphalt (milling, resurfacing), utilities adjustments (manhole, valve box), signing (single-post, multi-post, panel, beacon), pavement markings (patterned pavement, detectable warnings, delineator, RPM, painted, thermoplastic, bike lane), lighting (conductors, luminaire, pole complete), signalization (signal cable, aluminum pole, steel mast arm, vehicular signal and auxiliaries, pedestrian signal and detector, midblock RRFB, detection loop), electrical (power service, service wire), conduit, pull/splice box, fencing, sod, and irrigation system modifications along State Road 802 (Lake Worth Road) from north of Erie Street to A Street (the Lake Worth Road/A Street/Lake Avenue/Lucerne Avenue roundabout, inclusive), and then along Lucerne Avenue to C Street, for 0.417 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.

COMMERCIAL GENERAL LIABILITY INSURANCE:

The coverage afforded to the Department as an Additional Insured shall be primary as to any other available insurance and shall not be more restrictive than the coverage afforded to the Named Insured. 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. Prior to the execution of the Contract, and at all renewal periods which occur prior to final acceptance of the work, the Department shall be provided with an ACORD Certificate of Liability Insurance reflecting the coverage described herein.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44004615201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44004615201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	128.000
	0102- 60-	WORK ZONE SIGN	ED	7,900.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	7,900.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	660.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	350.000

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	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	378.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	175.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	175.000
	0102-115-	TYPE III BARRICADE	ED	176.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	8.000
	0107- 1-	LITTER REMOVAL	AC	18.090
	0107- 2-	MOWING	AC	9.570
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44004615201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44004615201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44004615201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	872.000
	0110- 7- 1	MAILBOX, F&I SINGLE	EA	1.000
	0110- 22-	TREE ROOT AND BRANCH PRUNING	EA	19.000
	0110- 23-	TREE REMOVAL	EA	18.000
	0120- 1-	REGULAR EXCAVATION	CY	26.000
	0120- 6-	EMBANKMENT	CY	140.000
	0145- 2-	GEOSYNTHETIC REINFORCED FOUNDATION OVER SOFT SOIL	SY	2,123.000
	0327- 70- 8	MILLING EXISTING ASPHALT PAVEMENT, 2 1/2" AVG DEPTH	SY	16,013.000
	0327- 70- 12	MILLING EXISTING ASPHALT PAVEMENT, 1 1/4" AVG DEPTH	SY	279.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	1,115.200
	0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	1,120.100
	0425- 5-	MANHOLE, ADJUST	EA	11.000
	0425- 6-	VALVE BOXES, ADJUST	EA	4.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	902.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	1,665.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	253.000
	0526- 1- 1	PAVERS, ARCHITECTURAL, ROADWAY	SY	1.000
	0527- 2-	DETECTABLE WARNINGS	SF	644.000
	0550- 10-918	FENCING, SPECIAL TYPE, 0.0-5.0', RESET EXISTING	LF	20.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	978.000
	0570- 1- 3	PERFORMANCE TURF, SOD AND SOIL- SHOULDER TREATMENT INDEX 570-010	SY	52.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	50.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	2.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	4.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	4.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.400
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	1,600.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	1,100.000

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	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	10.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	10.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.400
	0751- 38- 50	BENCH, RELOCATE	EA	3.000
	0920-520-100	RAISED CROSSWALK, TYPE RC CURB WITH PLATE/GRATE	LF	44.000
	0999- 16-	PARTNERING, DO NOT BID (44004615201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44004615201)	LS	1.000
Section 0002 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	48.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	2.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	1.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	15.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	24.000
	0700- 2- 50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	AS	1.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	17.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	15.000
	0700- 12- 21	SIGN BEACON, F&I GROUND MOUNT- SOLAR POWERED, ONE BEACON	AS	1.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	4.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	532.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	62.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44004615201)	LS	1.000
	0711- 11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM	0.061
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	888.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	244.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	950.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.079
	0711- 11-144	THERMOPLASTIC, STANDARD, WHITE, 2-2 DOTTED EXTENSION LINE, 12" FOR ROUNDABOUT	GM	0.040
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	4.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	26.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	114.000
	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	130.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	959.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	40.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	7.000

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	0711- 14-191	THERMOPLASTIC, PREFORMED, 6" WHITE, RAILROAD DYNAMIC ENVELOPE	LF	64.000
	0711- 14-193	THERMOPLASTIC, PREFORMED, 12" WHITE ON ASPHALT PAVEMENT RAILROAD DYNAMIC ENVELOPE	LF	458.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	1.331
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.003
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	0.392
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.805
	0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.010
	0920-714-100	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE	SF	984.000
Section 0003 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	468.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,241.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	36.000
	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	12.000
	0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	1.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	7,263.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	5,115.000
	0715- 7- 12	LOAD CENTER, F&I, PRIMARY VOLTAGE	EA	1.000
	0715- 11-211	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD	EA	10.000
	0715- 61-252	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 35' MOUNTING HEIGHT, 15' ARM LENGTH	EA	1.000
	0715- 62-252	LIGHT POLE COMPLETE, F&I, STANDARD POLE SPECIAL FOUNDATION, 35' MOUNTING HEIGHT, 15' ARM LENGTH	EA	4.000
	0715- 62-552	LIGHT POLE COMPLETE, F&I, STANDARD POLE SPECIAL FOUNDATION, 50' MOUNTING HEIGHT, 15' ARM LENGTH	EA	1.000
	0715- 69-000	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	4.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	29.000
	0715-511-320	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, CONCRETE, 20'	EA	5.000
	0715-540-000	LIGHT POLE COMPLETE- SPECIAL DESIGN, RELOCATE	EA	4.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	353.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	289.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	3.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	12.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	1.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	5.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	3.000
	0649- 21- 1	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 30'	EA	1.000

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	0649- 21- 3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	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	4.000
	0650- 1- 60	VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN	AS	2.000
	0650- 2-106	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- 12" LED STANDARD MODULE	EA	2.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	6.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	1.000
	0654- 2- 21	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR, COMPLETE SIGN ASSY- SINGLE DIRECTION	AS	6.000
	0654- 2- 22	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR, COMPLETE SIGN ASSEMBLY- BACK TO BACK	AS	2.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	8.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	6.000
Section 0005 Landscape / Peripheral				
	0590- 70- 1	IRRIGATION SYSTEM REPAIRS (44004615201)	LS	1.000