

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 04231201 Call Order: 007 Proposal: E4W69 District:04

Counties: PALM BEACH

Road Name: SR-5/N FEDERAL HWY FROM SOUTH OF 10TH AVE SOUTH TO 6TH AVE N

Limits: 93020000

Project(s): 44617315201(*) Federal Aid No: N/A

Total Roadway Length:	1.598 Miles	Contract Days:	282
Total Bridge Length:	0.000 Miles	Letting Date:	12/01/23
Total Proposal Length:	1.598 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	120

Proposal Budget Estimate: \$2,126,156.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of , but are not limited to, pavement reconstruction, milling and resurfacing, ADA-features improvements, mid-block crossings, traffic calming features, signing and pavement markings, signalization, lighting, traffic monitoring sites, and drainage improvements along State Road 5 (Federal Highway) from 10th Avenue South to 6th Avenue North for 1.222 miles in the City of Lake Worth Beach, and unincorporated portions of, 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.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44617315201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44617315201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	160.000
	0102- 60-	WORK ZONE SIGN	ED	32,172.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	98,700.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	49,536.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,392.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	564.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	564.000
	0102-115-	TYPE III BARRICADE	ED	576.000
	0104- 10- 3	SEDIMENT BARRIER	LF	1,465.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	66.000
	0107- 1-	LITTER REMOVAL	AC	25.270
	0107- 2-	MOWING	AC	3.150
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44617315201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44617315201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0110- 1- 1	CLEARING & GRUBBING (44617315201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	409.000
	0285-704-	OPTIONAL BASE, BASE GROUP 04	SY	102.000
	0285-713-	OPTIONAL BASE, BASE GROUP 13	SY	247.000
	0327- 70- 5	MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH	SY	20,872.000
	0327- 70- 34	MILLING EXISTING ASPHALT PAVEMENT, 8" AVG DEPTH	SY	349.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	65.600
	0337- 7- 81	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-12.5, PG 76-22	TN	2,334.300
	0425- 1-201	INLETS, CURB, TYPE 9, <10'	EA	2.000
	0425- 2- 43	MANHOLES, P-7, PARTIAL	EA	2.000
	0425- 5-	MANHOLE, ADJUST	EA	2.000
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	18.000
	0431- 1-130	PIPE LINER, CURED IN PLACE, 30"	LF	211.000
	0432- 3- 5	CHEMICAL GROUT REPAIR, PIPE, NON-TEST, 30"	EA	1.000
	0433- 1-	CHEMICAL GROUT REPAIR, MANHOLE / INLET	EA	1.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	120.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	118.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	336.000
	0527- 2-	DETECTABLE WARNINGS	SF	328.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	38.000
	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
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	466.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	2.324
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	2,366.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	756.000
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.269
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	43.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	13.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	2.539
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	237.000
	0710- 11-231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM	0.110
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44617315201)	LS	1.000
Section 0002 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	33.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	1.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	18.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	1.000

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	0700- 15- 2	IN-STREET SIGN ASSEMBLY, FURNISH AND INSTALL- FIXED BASE CONNECTION	EA	6.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	466.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44617315201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	2,366.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	292.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.269
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	8.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	237.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	464.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	43.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	5.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	2.324
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	2.539
	0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.110
Section 0003 Lighting				
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	635.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	25.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	2,193.000
	0715- 11-213	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, POLE TOP	EA	2.000
	0715- 11-216	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, PENDANT/TEARDROP	EA	3.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	15.000
	0715-516-315	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I ,POLE TOP MOUNT, CONCRETE, 15'	EA	10.000
Section 0004 Signalization				
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	91.000
	0632- 7- 2	SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL	LF	91.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	1.000
	0635- 2- 14	PULL & SPLICE BOX, F&I, 17" X 30" COVER SIZE	EA	11.000
	0635- 2- 15	PULL & SPLICE BOX, F&I, 30" X 48" COVER SIZE	EA	2.000
	0639- 1-620	ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND	AS	1.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	278.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	7.000
	0649- 26- 5	STEEL MAST ARM ASSEMBLY, REMOVE, DEEP FOUNDATION- BOLT ON ATTACHMENT	EA	2.000
	0650- 2-109	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED	EA	14.000
	0654- 2- 22	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR, COMPLETE SIGN ASSEMBLY- BACK TO BACK	AS	6.000

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ALT	Item	Description	Unit	Quantity
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	8.000
	0665- 1- 12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	EA	13.000
	0665- 1- 50	PEDESTRIAN DETECTOR, ADJUST/MODIFY ON EXISTING POLE	EA	4.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	12.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	1.000