

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 04230505 Call Order: 007 Proposal: E4W54 District:04

Counties: BROWARD

Road Name: SR-5/US-1 FROM NORTHEAST 17TH WAY TO NORTHEAST 33RD CT

Limits: 86020000

Project(s): 44618515201(*) Federal Aid No: N/A

Total Roadway Length:	4.978 Miles	Contract Days:	241
Total Bridge Length:	0.030 Miles	Letting Date:	05/05/23
Total Proposal Length:	5.008 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	120

Proposal Budget Estimate: \$7,293,863.00

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, temporary signalization and maintenance, temporary traffic detection and maintenance), monitor existing structures (inspection, settlement), widening, bridge (expansion joint, backer rod, polymer nosing), asphalt (stabilization, base, milling, superpave, friction course), concrete (removal, curb and gutter, valley gutter, traffic separator, sidewalk, driveways), pavement markings (detectable, painted, raised, thermoplastic, bike lane), signing (single-post, multi-post, panel, tubular marker, object marker, delineator, internally-illuminated), traffic monitoring site (sensor, inductive loop), lighting (conductors, luminaires, bracket arms, light pole complete, pole cable distribution system), signalization (cable, electrical service disconnect, prestressed concrete pole, aluminum pole, steel mast arm, vehicular detector and signal, pedestrian detector and signal, backplate retrofit, controller), conduit, signal cable, pull/splice box, drainage (inlets), utilities adjustments (manhole, valve box), tree (protection, pruning, removals), and sod along State Road 5 (US 1/Federal Highway) from NE 17th Way to NE 33rd Court for 2.489 miles in the City of Fort Lauderdale, Broward 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.

Call Order: 007 Proposal: E4W54

ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	162.000
	0458- 2-	POLYMER NOSING FOR BRIDGE DECK EXPANSION JOINT	CF	20.200
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (44618515201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44618515201)	LS	1.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (44618515201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	1,488.000

Call Order: 007 Proposal: E4W54

ALT	Item	Description	Unit	Quantity
	0102- 60-	WORK ZONE SIGN	ED	45,765.000
	0102- 61-	BUSINESS SIGN	EA	24.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	36,318.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	33,023.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	1,662.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	765.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	699.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	699.000
	0102-115-	TYPE III BARRICADE	ED	1,446.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	78.000
	0107- 1-	LITTER REMOVAL	AC	154.750
	0107- 2-	MOWING	AC	105.880
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44618515201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44618515201)	LS	1.000
	0110- 2- 2	SELECTIVE CLEARING AND GRUBBING, AREAS WITH TREES TO REMAIN	AC	0.010
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	2,037.000
	0110- 21-	TREE PROTECTION BARRIER	LF	50.000
	0110- 22-	TREE ROOT AND BRANCH PRUNING	EA	13.000
	0160- 4-	TYPE B STABILIZATION	SY	590.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	437.000
	0327- 70- 4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY	25.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	136,495.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	70.000
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	11,299.300
	0425- 1-345	INLETS, CURB, TYPE P-4, PARTIAL	EA	1.000
	0425- 1-355	INLETS, CURB, TYPE P-5, PARTIAL	EA	1.000
	0425- 1-365	INLETS, CURB, TYPE P-6, PARTIAL	EA	2.000
	0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	5.000
	0425- 6-	VALVE BOXES, ADJUST	EA	5.000
	0425- 82-	REPLACE GRATE	EA	1.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	805.000
	0520- 3-	VALLEY GUTTER- CONCRETE	LF	432.000
	0520- 5- 42	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 6' WIDE	LF	236.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	10.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	864.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	711.000
	0527- 2-	DETECTABLE WARNINGS	SF	864.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	3.000
	0590- 70-	IRRIGATION SYSTEM (44618515201)	LS	1.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	191.000
	0632- 7- 2	SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL	LF	1,539.000

Call Order: 007 Proposal: E4W54

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	0632- 7- 7	SIGNAL CABLE, REMOVE- OUTSIDE OF INTERSECTION	LF	171.000
	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	12.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	12.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	2,693.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	6.991
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.435
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	0.110
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	7,029.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	6,533.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	7.536
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	2.412
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	227.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	4.638
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.550
	0999- 16-	PARTNERING, DO NOT BID (44618515201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44618515201)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	222.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	61.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	5.000
	0700- 1- 14	SINGLE POST SIGN, F&I GROUND MOUNT, 31+ SF	AS	2.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	115.000
	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	2.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	14.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	19.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	19.000
	0704- 1- 1	TUBULAR MARKER, DURABLE, 36" WHITE POST	EA	6.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	24.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	38.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	2,693.000
	0710- 12-290	PAINTED PAVEMENT MARKINGS, DURABLE PAINT, YELLOW, ISLAND NOSE	SF	886.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44618515201)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.110
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	7,029.000

Call Order: 007 Proposal: E4W54

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	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	352.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	1,906.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	2.412
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	11.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	152.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	33.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.550
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	4,627.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	75.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	75.000
	0711- 14-660	THERMOPLASTIC, PREFORMED, MULTI COLOR ROUTE SHIELD	EA	8.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	6.991
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.435
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",1C -30 SKIP OR 3-9 LANE DROP	GM	7.536
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	4.638
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.060
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.119
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.060
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.119
	0713-107-	PREFORMED/PERMANENT TAPE, REMOVE	SF	401.000
	0920-714-100	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE	SF	11,634.000
Section 0004 Lighting				
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,362.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	35.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	3.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	9,174.000
	0715- 5- 21	LUMINAIRE & BRACKET ARM, REPLACE LUMINAIRE AND ARM ON EXISTING POLE	EA	10.000
	0715- 5- 31	LUMINAIRE & BRACKET ARM- ALUMINUM, FURNISH & INSTALL NEW LUMINAIRE AND ARM ON NEW/EXISTING POLE	EA	1.000
	0715- 5- 51	LUMINAIRE & BRACKET ARM, REMOVE LUMINAIRE AND ARM; POLE REMAINS	EA	1.000
	0715- 11-213	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, POLE TOP	EA	18.000
	0715- 61-111	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 30' MOUNTING HEIGHT, 8' ARM LENGTH	EA	4.000
	0715- 61-211	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 35' MOUNTING HEIGHT, 8' ARM LENGTH	EA	3.000

Call Order: 007 Proposal: E4W54

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	0715- 61-500	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 50' MOUNTING HEIGHT, 0' ARM LENGTH	EA	4.000
	0715- 65-166	LIGHT POLE COMPLETE, F&I, UTILITY CONFLICT POLE STANDARD FOUNDATION, 30' MOUNTING HEIGHT, 16' ARM LENGTH	EA	4.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	45.000
	0715-518-150	LIGHT POLE COMP- SPECIAL DESIGN, F&I, DOUBLE ARM, POLE TOP MOUNT, ALUMINUM, 50'	EA	1.000
Section 0005 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	366.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,075.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	7.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	7.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	51.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	1.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	32.000
	0646- 1- 40	ALUMINUM SIGNALS POLE, RELOCATE	EA	2.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	22.000
	0646- 2-120	ALUMINUM POLE- INDEX 695-001, FURNISH & INSTALL, 20'	EA	1.000
	0649- 21- 11	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-30'	EA	1.000
	0649- 21- 19	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-60'	EA	1.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	1.000
	0649- 21- 26	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-70'	EA	1.000
	0649- 21-139	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 90', PROJECT 446185-1-52-01	EA	1.000
	0649- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION-BOLT ON ATTACHMENT	EA	5.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	30.000
	0650- 1- 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	6.000
	0650- 2-109	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT-FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED	EA	74.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	29.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	4.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	9.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	6.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	6.000
	0660- 4- 41	VEHICLE DETECTION SYSTEM- VIDEO, RELOCATE CABINET EQUIPMENT	EA	3.000

Call Order: 007 Proposal: E4W54

ALT	Item	Description	Unit	Quantity
	0660- 4- 42	VEHICLE DETECTION SYSTEM- VIDEO, RELOCATE ABOVE GROUND EQUIPMENT	EA	3.000
	0665- 1- 12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	EA	37.000
	0665- 1- 50	PEDESTRIAN DETECTOR, ADJUST/MODIFY ON EXISTING POLE	EA	9.000
	0670- 5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	1.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	9.000