

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

Letting: 04190201      Call Order: 008      Proposal: E4T51      District:04

Counties: BROWARD

Road Name: NW 136TH AVE @ SR-84, SIS FACILITY IMPROVEMENTS

Limits: 86000240

Project(s): 43785115201(\*)      Federal Aid No: N/A

Project(s): 43785115602      Federal Aid No: N/A

Total Roadway Length:	1.638 Miles	Contract Days:	524
Total Bridge Length:	0.019 Miles	Letting Date:	02/01/19
Total Proposal Length:	1.657 Miles	Contract Execution Days:	
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	15

Proposal Budget Estimate: \$6,423,045.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of NW 136th Avenue at SR 84 Intersection Improvements in Broward County.

Pre-qualified - Contractor must be prequalified.

Performance Bond- A performance bond is required for this contract.

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ALT	Item	Description	Unit	Quantity
<b>Section 0001 Structures</b>				
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43785115201)	LS	1.000
	0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY	830.200
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	207.000
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	285.500
	0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY	1,228.000
	0400-148-	PLAIN NEOPRENE BEARING PADS	CF	16.700
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	203,595.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	36,833.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	42,380.000
	0455- 34- 3	PRESTRESSED CONCRETE PILING, 18" SQ	LF	4,800.000
	0455-133- 2	SHEET PILING STEEL, TEMPORARY-CRITICAL	SF	1,698.000
	0455-133- 3	SHEET PILING STEEL, F&I PERMANENT	SF	9,140.000
	0455-143- 3	TEST PILES-PRESTRESSED CONCRETE,18" SQ	LF	341.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	269.000
	0515- 4- 1	BULLET RAIL, SINGLE RAIL	LF	278.000
	0521- 5- 4	CONCRETE TRAFFIC RAILING- BRIDGE, 32" VERTICAL FACE	LF	278.000
<b>Section 0002 Roadway</b>				
	0101- 1-	MOBILIZATION (43785115201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43785115201)	LS	1.000
	0102- 2- 1	SPECIAL DETOUR 1 (43785115201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	248.000

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ALT	Item	Description	Unit	Quantity
	0102- 60-	WORK ZONE SIGN	ED	13,390.000
	0102- 61-	BUSINESS SIGN	EA	15.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	1,764.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	3,989.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	40,729.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	2,259.000
	0102- 74- 7	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	LF	826.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	605.000
	0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	3,995.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	15.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,239.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	480.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	480.000
	0102-911- 1	PAVEMENT MARKING REMOVABLE TAPE, WHITE OR BLACK, SKIP	LF	1,229.000
	0102-911- 2	PAVEMENT MARKING REMOVABLE TAPE, WHITE OR BLACK,SOLID	LF	1,228.000
	0102-912- 2	PAVEMENT MARKING REMOVABLE TAPE, YELLOW, SOLID	LF	1,024.000
	0104- 10- 3	SEDIMENT BARRIER	LF	987.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	248.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	17.000
	0107- 1-	LITTER REMOVAL	AC	47.460
	0107- 2-	MOWING	AC	24.350
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (43785115201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (43785115201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43785115201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	2,033.000
	0120- 1-	REGULAR EXCAVATION	CY	1,254.600
	0120- 5-	CHANNEL EXCAVATION	CY	1,822.200
	0120- 6-	EMBANKMENT	CY	150.300
	0160- 4-	TYPE B STABILIZATION	SY	2,938.000
	0162- 1- 11	PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	SY	87.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	1,645.000
	0285-711-	OPTIONAL BASE, BASE GROUP 11	SY	996.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	18,754.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	418.700
	0337- 7- 81	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, FC-12.5, PG 76-22	TN	1,752.600
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	42.500
	0400- 1- 2	CONCRETE CLASS I, ENDWALLS	CY	1.100
	0425- 1-319	INLETS, CURB TYPE P-1, MODIFY	EA	2.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	1.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	3.000
	0425- 1-891	INLETS, BARRIER WALL, <10'	EA	2.000

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ALT	Item	Description	Unit	Quantity
	0425- 1-910	INLETS, CLOSED FLUME	EA	2.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	1.000
	0425- 2- 42	MANHOLES, P-7, >10'	EA	1.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	1.000
	0425- 5-	MANHOLE, ADJUST	EA	5.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	281.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	2.000
	0443- 70- 3	FRENCH DRAIN, 18"	LF	144.000
	0515- 4- 1	BULLET RAIL, SINGLE RAIL	LF	85.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	63.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	1,701.000
	0520- 5- 41	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 4' WIDE	LF	952.000
	0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF	687.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	240.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	905.000
	0523- 1- 3	PATTERNED PAVEMENT, VEHICULAR AREAS- GREEN BIKE LANE	SY	230.000
	0524- 2- 2	CONCRETE SLOPE PAVEMENT,NON REINFORCED, 4"	SY	125.000
	0526- 1- 2	PAVERS, ARCHITECTURAL, SIDEWALK	SY	65.000
	0527- 2-	DETECTABLE WARNINGS	SF	106.000
	0530- 4- 4	ARTICULATING CONCRETE BLOCK REVETMENT SYSTEM, THICKNESS 4"	SY	1,508.000
	0530- 74-	BEDDING STONE	TN	260.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	562.000
	0536- 8- 13	APPROACH TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, TL-3	EA	1.000
	0536- 73-	GUARDRAIL REMOVAL	LF	983.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	2.000
	0536- 85- 25	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE TYPE II	EA	4.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	2,313.000
	0705- 11- 4	DELINEATOR, FLEXIBLE HIGH PERFORMANCE 48"	EA	53.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	2.333
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	452.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	6.765
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	2.420
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	2.436
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	3,467.000
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.085
	0916-530- 9	REVETMENT SYSTEMS- FABRIC FORMED CONCRETE RIPRAP, PROJECT 437851-1-52-01	SY	316.000
	0999- 16-	PARTNERING, DO NOT BID (43785115201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43785115201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
<b>Section 0003 Signing</b>				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	15.000
	0700- 1- 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870/700-012, UP TO 12 SF	AS	1.000
	0700- 1- 32	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870/700-012, 12-20 SF	AS	1.000
	0700- 1- 33	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870/700-012, 21-30 SF	AS	1.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	1.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	20.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	2.000
	0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	2.000
	0700- 3-205	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF	EA	1.000
	0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	4.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	3.000
	0700- 3-605	SIGN PANEL, REMOVE, 51-100 SF	EA	2.000
	0700- 3-606	SIGN PANEL, REMOVE, 101-200 SF	EA	2.000
	0700- 4-125	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 51-100 FT	EA	1.000
	0700- 4-620	OVERHEAD STATIC SIGN STRUCTURE, REMOVE SPAN	EA	1.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43785115201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	793.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	772.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.331
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	24.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	48.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	38.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	10.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	10.000
	0711- 14-660	THERMOPLASTIC, PREFORMED, MULTI COLOR ROUTE SHIELD	EA	9.000
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.818
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	1.629
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.098
	0711- 16-131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.818
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.668
<b>Section 0004 Lighting</b>				
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,896.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	299.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	14.000

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	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	13,338.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	4,962.000
	0715- 4- 13	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT	EA	6.000
	0715- 7- 21	LOAD CENTER, REWORK, SECONDARY VOLTAGE	EA	1.000
	0715- 11-211	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD	EA	2.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	6.000
<b>Section 0005 Signalization</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	920.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	937.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	2.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	2.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	35.000
	0641- 2- 80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	EA	4.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	13.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	7.000
	0649- 21- 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA	2.000
	0649- 21- 18	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-50'	EA	1.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	1.000
	0649- 21-108	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 84', PROJECT 437851-1-52-01	EA	1.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	21.000
	0650- 1- 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	2.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	12.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	10.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	10.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	12.000
	0670- 5-140	TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL MODEL 207C	AS	1.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	1.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	4.000
	0700- 5- 21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	4.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	2.000
<b>Section 0006 Landscape / Peripheral</b>				
	0580- 2- 2	LANDSCAPE- RELOCATE TREE, PALMS >14' OF CLEAR TRUNK	EA	3.000

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ALT	Item	Description	Unit	Quantity
<b>Section 0007 Utilities</b>				
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	2.500
	0400-148-	PLAIN NEOPRENE BEARING PADS	CF	1.300
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	188.000
	0455- 34- 3	PRESTRESSED CONCRETE PILING, 18" SQ	LF	192.000
	0460- 2- 1	STRUCT STEEL, CARBON (43785115602)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43785115602)	LS	1.000
	1050- 16-004	UTILITY PIPE,REMOVE & DISPOSE, 8-19.9"	LF	144.000
	1050- 18-004	UTILITY PIPE,PLUG & PLACE OUT OF SERVICE, 8-19.9"	LF	174.000
	1050- 51-214	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 14"	LF	309.000
	1055- 51-114	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 14"	EA	17.000
	1055- 51-314	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL REDUCER, 14"	EA	1.000
	1055- 51-512	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 12"	EA	3.000
	1080- 21-112	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 12"	EA	1.000
	1080- 21-114	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 14"	EA	1.000
	1080- 23-112	UTILITY FIXTURE- TAPPING SADDLE/SLEEVE, FURNISH & INSTALL, 12"	EA	1.000
	1080- 23-116	UTILITY FIXTURE- TAPPING SADDLE/SLEEVE, FURNISH & INSTALL, 16"	EA	1.000
	1080- 24-500	UTILITY FIXTURE, VALVE ASSEMBLY, ADJUST/MODIFY	EA	11.000
	1080- 26-114	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH AND INSTALL14"	EA	1.000
	1080- 27-112	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 12'	EA	1.000
	1080- 27-116	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 16'	EA	1.000