

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

Letting:	CT190227	Call Order: 016	Proposal: T4500	District:04
Counties:	BROWARD			
Road Name:	NE 23RD AVE			
Limits:	OVER IBIS WATERWAY; BRIDGE REPLACEMENT (BR NO 867212)			
Project(s):	43435915201(*)	Federal Aid No: 8886817A		
Total Roadway Length:	0.073 Miles	Contract Days:	349	
Total Bridge Length:	0.013 Miles	Letting Date:	02/27/19	
Total Proposal Length:	0.086 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	120 Calendar Days	

Proposal Budget Estimate: \$1,922,763.00

Please read the full advertisement

Description:

The improvements under this contract consist of roadway reconstruction and bridge replacement (existing bridge number 867202, proposed bridge number 867212) including prestressed concrete piling, expansion joints, deck grooving/planning, bullet rail, concrete traffic rail and parapet, riprap and bedding stone, embedded conduit, concrete curb and gutter, concrete sidewalk and driveways, pavers, signing and pavement markings, lighting, settlement and vibration structures monitoring, and irrigation systems along NE 23rd .

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43435915201)	LS	1.000
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	86.000
	0400- 4- 4	CONCRETE CLASS IV, SUPERSTRUCTURE	CY	144.200
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	60.900
	0400- 4- 8	CONC CLASS IV, BULKHEAD	CY	59.800
	0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY	216.000
	0400- 72-	PRECAST BULKHEAD PANELS	SF	1,524.000
	0400-148-	PLAIN NEOPRENE BEARING PADS	CF	4.600
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	1,790.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	16,044.000
	0415- 10- 5	FIBER REINFORCED POLYMER BARS, #5 BAR	LF	2,804.000
	0415- 10- 6	FIBER REINFORCED POLYMER BARS, #6 BAR	LF	11,110.000
	0415- 10- 8	FIBER REINFORCED POLYMER BARS, #8 BAR	LF	2,081.000
	0415- 10- 10	FIBER REINFORCED POLYMER BARS, #10 BAR	LF	8,610.000
	0451- 70-	PREST SOIL ANCHORS	EA	26.000
	0451- 70- 1	PRESTRESSED SOIL ANCHOR, PERFORMANCE TEST	EA	2.000
	0451- 70- 2	PRESTRESSED SOIL ANCHOR, CREEP TEST	EA	2.000
	0455- 34- 23	PRESTRESSED CONCRETE PILING, 18" SQ W/FRP OR STAINLESS STEEL STRAND AND REINFORCING	LF	1,834.000
	0455-143- 23	TEST PILES-PRESTRESSED CONCRETE, 18" SQ W/ FRP OR STAINLESS STEEL STRAND AND REINFORCING	LF	170.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	73.000
	0515- 4- 1	BULLET RAIL, SINGLE RAIL	LF	108.000

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	0515- 4- 2	BULLET RAIL, DOUBLE RAIL	LF	108.000
	0521- 5- 13	CONCRETE TRAFFIC RAILING- BRIDGE, 36" SINGLE-SLOPE	LF	256.000
	0521- 6- 11	CONCRETE PARAPET, PEDESTRIAN/BICYCLE, 27" HEIGHT	LF	108.000
	0530- 3- 3	RIPRAP- RUBBLE, BANK AND SHORE	TN	317.900
	0530- 74-	BEDDING STONE	TN	139.900
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	1,152.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	18.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43435915201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43435915201)	LS	1.000
	0102- 3-	COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE	CY	35.200
	0102- 60-	WORK ZONE SIGN	ED	60,028.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	14,829.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	5,584.000
	0102- 74- 7	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	LF	20.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	758.000
	0104- 10- 3	SEDIMENT BARRIER	LF	468.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	181.000
	0107- 1-	LITTER REMOVAL	AC	5.060
	0107- 2-	MOWING	AC	3.270
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (43435915201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (43435915201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43435915201)	LS	1.000
	0110- 2- 2	SELECTIVE CLEARING AND GRUBBING, AREAS WITH TREES TO REMAIN	AC	0.040
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	380.000
	0120- 1-	REGULAR EXCAVATION	CY	1,353.300
	0120- 6-	EMBANKMENT	CY	516.100
	0160- 4-	TYPE B STABILIZATION	SY	2,419.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	1,784.000
	0286- 2-	TURNOUT CONSTRUCTION-ASPHALT	TN	1.900
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	211.800
	0425- 1-452	INLETS, CURB, TYPE J-5, >10'	EA	4.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	192.000
	0443- 70- 4	FRENCH DRAIN, 24"	LF	118.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	64.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	161.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	145.000
	0526- 1- 2	PAVERS, ARCHITECTURAL, SIDEWALK	SY	66.000
	0527- 2-	DETECTABLE WARNINGS	SF	47.000
	0536- 73-	GUARDRAIL REMOVAL	LF	361.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	1,413.000

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	0590- 70-	IRRIGATION SYSTEM (43435915201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43435915201)	LS	1.000
Section 0003 Signing				
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	3.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	4.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	7.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43435915201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	150.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	63.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.161
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.156
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.027
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.027
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	55.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	40.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	265.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	5.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	20.000
	0715- 1- 11	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 10 OR <	LF	1,786.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	500.000
	0715-550-000	LIGHT POLE COMPLETE- SPECIAL DESIGN, REMOVE	EA	4.000