

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: CT190522 Call Order: 007 Proposal: T4510 District:04

Counties: PALM BEACH

Road Name: SR 804 (BOYNTON BEACH BLVD)

Limits: FROM W OF JOG RD TO CONGRESS AVE

Project(s): 43234415201(*) Federal Aid No: D418128B

Project(s): 43234415202 Federal Aid No: N/A

Total Roadway Length:	3.689 Miles	Contract Days:	430
Total Bridge Length:	0.021 Miles	Letting Date:	05/22/19
Total Proposal Length:	3.711 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	15

Proposal Budget Estimate: \$9,221,837.00

Please read the full advertisement

Description:

The improvements under this contract consist of, but not limited to, widening (roadway and median), milling and resurfacing (including overbuild), concrete (removal, curb and gutter, traffic separator, sidewalk and driveways), guardrail (roadway, end treatments, removal), drainage improvements including trench drain and valley gutter, monitoring existing structures (inspection and settlement, vibration), patterned pavement (green bike lanes), detectable warnings, traffic monitoring sites, signing (single and multi-post, object markers, delineators), pavement markings (painted, permanent and temporary tape, thermoplastic), signalization (cabling, pedestals, post, poles, pedestrian and vehicular detectors, loop detector removal, signal heads), lighting (conductors, luminaires, luminaire bracket arms), utilities (valve assemblies), and sod along State Road 804 (Boynton Beach Boulevard) from 0.103 miles west of Jog Road, easterly 3.711 miles to Congress Avenue, in Palm Beach County.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (43234415201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43234415201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	324.000
	0102- 60-	WORK ZONE SIGN	ED	57,390.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	1,256.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	276,682.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	1,543.000
	0102- 74- 7	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	LF	1,134.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	1,366.000
	0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	19,863.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	766.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	3,440.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	3,440.000
	0102-911- 1	PAVEMENT MARKING REMOVABLE TAPE, WHITE OR BLACK, SKIP	LF	789.000
	0102-911- 2	PAVEMENT MARKING REMOVABLE TAPE, WHITE OR BLACK,SOLID	LF	525.000
	0102-912- 2	PAVEMENT MARKING REMOVABLE TAPE, YELLOW, SOLID	LF	525.000
	0104- 10- 3	SEDIMENT BARRIER	LF	40,416.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	196.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	101.000

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	0107- 1-	LITTER REMOVAL	AC	279.280
	0107- 2-	MOWING	AC	139.210
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (43234415201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (43234415201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43234415201)	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	14,030.000
	0120- 71-	REGULAR EXCAVATION (3-R PROJECTS ONLY) (43234415201)	LS	1.000
	0160- 4-	TYPE B STABILIZATION	SY	705.000
	0285-711-	OPTIONAL BASE, BASE GROUP 11	SY	6,241.000
	0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	333.000
	0327- 70- 8	MILLING EXIST ASPH PAVT, 2 1/2" AVG DEPTH	SY	195,348.000
	0327- 70- 12	MILLING EXIST ASPH PAVT, 1 1/4" AVG DEPTH	SY	66.000
	0327- 70- 16	MILLING EXIST ASPH PAVT, 1/2" AVG DEPTH	SY	779.000
	0327- 70- 19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	SY	160.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	16,796.000
	0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	11,087.500
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	10.200
	0425- 1-341	INLETS, CURB, TYPE P-4, <10'	EA	1.000
	0425- 1-485	INLETS, CURB, TYPE 8, PARTIAL	EA	2.000
	0425- 4-	INLETS, ADJUST	EA	2.000
	0425- 5-	MANHOLE, ADJUST	EA	1.000
	0430-175-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD	LF	12.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	20.000
	0431- 1-207	PIPE LINING- CIPP- INVERSION RESIN IMPREGNATED FELT, 36" PROJECT 432344-1-52-01	LF	530.000
	0436- 1- 1	TRENCH DRAIN, STANDARD	LF	50.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	13,313.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	6,671.000
	0520- 3-	VALLEY GUTTER- CONCRETE	LF	16.000
	0520- 5- 41	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 4' WIDE	LF	983.000
	0520- 5- 42	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 6' WIDE	LF	473.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	1,907.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	4,971.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	2,252.000
	0523- 1- 3	PATTERNED PAVEMENT, VEHICULAR AREAS- GREEN BIKE LANE	SY	739.000
	0527- 2-	DETECTABLE WARNINGS	SF	1,169.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	346.000
	0536- 8- 13	APPROACH TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, TL-3	EA	2.000
	0536- 73-	GUARDRAIL REMOVAL	LF	151.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	1.000
	0536- 85- 25	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE TYPE II	EA	1.000

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ALT	Item	Description	Unit	Quantity
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	3,037.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	20.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	237.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	8.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	24.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	24.000
	0695- 7-131	TRAFFIC MONITORING SITE CABINET, FURNISH & INSTALL, TYPE 3, BASE MOUNT	EA	4.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	1.220
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.029
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	240.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	300.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	240.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	7.580
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.020
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	162.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	6.520
	0710- 11-202	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.040
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	120.000
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.040
	0999- 16-	PARTNERING, DO NOT BID (43234415201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43234415201)	LS	1.000
Section 0002 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	56.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	18.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	13.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	3.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	40.000
	0700- 2- 50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	AS	1.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	13.000
	0705- 11- 3	DELINEATOR, FLEXIBLE HIGH VISABILITY MEDIAN	EA	41.000
	0705- 11- 4	DELINEATOR, FLEXIBLE HIGH PERFORMANCE 48"	EA	9.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43234415201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	9,241.000

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	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	208.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	1,801.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	2.387
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	3.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	187.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	218.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.267
	0711- 14-123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	184.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	5,141.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	51.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	51.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	9.850
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.699
	0711- 16-131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	13.438
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	6.910
	0711- 16-202	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.003
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.042
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.096
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.042
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.096
	0713-107-	PREFORMED/PERMANENT TAPE, REMOVE	SF	60.000
Section 0003 Lighting				
	0715- 1- 11	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 10 OR <	LF	2,430.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	2,430.000
	0715- 5- 21	LUMINAIRE & BRACKET ARM, REPLACE LUMINAIRE AND ARM ON EXISTING POLE	EA	18.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,142.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,968.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	7.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	59.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	42.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	6.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	11.000

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	0650- 2-102	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT-FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER	EA	10.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	44.000
	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	18.000
	0660- 1-109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	EA	23.000
	0660- 1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA	41.000
	0660- 1-600	LOOP DETECTOR INDUCTIVE, REMOVE- CABINET TO REMAIN	EA	63.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	110.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	1.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	4.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	40.000
	0665- 1- 12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	EA	12.000
	0665- 1- 50	PEDESTRIAN DETECTOR, ADJUST/MODIFY ON EXISTING POLE	EA	4.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	34.000
	0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	7.000
Section 0005 Utilities				
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43234415202)	LS	1.000
	1080- 24-106	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 6"	EA	26.000