

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

Letting:	CT191030	Call Order: 010	Proposal: T5607	District:05
Counties:	BREVARD			
Road Name:	SR 405 (COLUMBIA BLVD)			
Limits:	AT SISSON RD			
Project(s):	43612315201(*)	Federal Aid No:	8529004U	
Total Roadway Length:	0.359 Miles	Contract Days:	130	
Total Bridge Length:	0.000 Miles	Letting Date:	10/30/19	
Total Proposal Length:	0.359 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	120 Calendar Days	
Proposal Budget Estimate:	\$1,085,283.00			

Please read the full advertisement

Description:

The improvements under this contract consist of milling and resurfacing, base work, shoulder treatment, drainage improvements, traffic signals, signing and pavement markings, ITS work, and other incidental work at the intersection of SR 405 (Columbia Blvd.)

**Call Order: 010 Proposal: T5607**

ALT	Item	Description	Unit	Quantity
<b>Section 0001 Roadway</b>				
	0101- 1-	MOBILIZATION (43612315201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43612315201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	104.000
	0102- 60-	WORK ZONE SIGN	ED	2,990.000
	0102- 61-	BUSINESS SIGN	EA	4.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	4,200.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	520.000
	0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	53.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	576.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	130.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	130.000
	0104- 10- 3	SEDIMENT BARRIER	LF	63.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	13.000
	0107- 1-	LITTER REMOVAL	AC	10.440
	0107- 2-	MOWING	AC	9.630
	0110- 1- 1	CLEARING & GRUBBING (43612315201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	570.000
	0120- 1-	REGULAR EXCAVATION	CY	1,111.000
	0120- 6-	EMBANKMENT	CY	5.000
	0160- 4-	TYPE B STABILIZATION	SY	3,344.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	638.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	1,449.000
	0285-712-	OPTIONAL BASE, BASE GROUP 12	SY	538.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	3,412.000
	0327- 70- 19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	SY	637.000

**Call Order: 010 Proposal: T5607**

ALT	Item	Description	Unit	Quantity
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	43.000
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	202.500
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	46.400
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	446.900
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	9.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	4.000
	0425- 6-	VALVE BOXES, ADJUST	EA	1.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	827.000
	0430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 18"S/CD	LF	633.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	65.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	185.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	283.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	1,906.000
	0570- 1- 3	PERFORMANCE TURF, SOD AND SOIL- SHOULDER TREATMENT INDEX 570-010	SY	1,065.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.409
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	113.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	0.136
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	6.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.383
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43612315201)	LS	1.000
<b>Section 0002 Signing</b>				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	9.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	6.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	4.000
	0700- 5- 60	INTERNALLY ILLUMINATED SIGN, REMOVE	EA	2.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	6.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	52.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43612315201)	LS	1.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	55.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.053
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	2.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	14.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	17.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	61.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	0.056
	0711- 15-102	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	GM	0.069

**Call Order: 010 Proposal: T5607**

ALT	Item	Description	Unit	Quantity
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	0.200
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.409
	0711- 16-131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.136
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.383
<b>Section 0003 Signalization</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	87.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	516.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	1.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	230.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	180.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	12.000
	0633- 3- 46	FIBER OPTIC CONNECTION HARDWARE, RELOCATE PATCH PANEL-FIELD TERMINATED	EA	1.000
	0633- 8- 4	MULTI-CONDUCTOR COMMUNICATION CABLE, RELOCATE	LF	150.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	10.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	2.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	1.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1.000
	0639- 1-620	ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND	AS	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	100.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	125.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1.000
	0641- 2- 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER	EA	1.000
	0649- 21- 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	1.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	2.000
	0649- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION-BOLT ON ATTACHMENT	EA	1.000
	0649- 26- 7	STEEL MAST ARM ASSEMBLY, REMOVE, REMOVE ARM AND ATTACHMENTS; POLE REMAINS	EA	1.000
	0650- 1- 34	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 3 SECTION, 1 WAY	AS	9.000
	0650- 1- 39	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 5 SECTION CLUSTER, 1 WAY	AS	2.000
	0650- 1- 60	VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN	AS	1.000
	0650- 2-102	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT-FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER	EA	1.000
	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	2.000

**Call Order: 010 Proposal: T5607**

ALT	Item	Description	Unit	Quantity
	0660- 4- 60	VEHICLE DETECTION SYSTEM- VIDEO, REMOVE	EA	1.000
	0670- 5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	1.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	1.000
	0684- 1- 4	MANAGED FIELD ETHERNET SWITCH, RELOCATE	EA	1.000
	0684- 6- 40	WIRELESS COMMUNICATION DEVICE, RELOCATE	EA	1.000
	0685- 1- 12	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION	EA	1.000