

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

Letting: CT160727 Call Order: 012 Proposal: T5568 District:05  
 Counties: ORANGE  
 Road Name: SR 436 (SEMORAN BLVD)  
 Limits: FROM N OF SR 50 TO N OF OLD CHENEY HWY  
 Project(s): 43442515201(\*) Federal Aid No: 5504007P  
 Project(s): 43442515202 Federal Aid No: N/A  
 Total Roadway Length: 0.470 Miles Contract Days: 130  
 Total Bridge Length: 0.000 Miles Letting Date: 07/27/16  
 Total Proposal Length: 0.470 Miles Contract Execution Days: 10  
 Special Start Date: N/A  
 Aquis/Flexible Start Time: 120 Calendar Days  
 Proposal Budget Estimate: \$1,396,728.00

Please read the full advertisement

**Description:**

BUSINESS DEVELOPMENT INITIATIVE -- Bidders must be a "Small Business" as defined by FDOT. Small business size standards can be found at <http://www.dot.state.fl.us/equalopportunityoffice/bdi.shtm>.

For more information about bidding on BDI projects, please see the training guide located at <http://www.cmdp-bgp.com/bdi-projects.html>

Prequalification per Rule 14-22 is not required.

Bidders must complete and submit the Small Business Affidavit (Form No. 275-000-01) for approval prior to receipt of bid documents. The form may be accessed at: <http://www.dot.state.fl.us/cc-admin/forms/forms.shtm>  
 It is only necessary to submit the Small Business Affidavit (SBA) form once per year.

Send a completed and notarized affidavit as an attachment to: [fdot.bdi@dot.state.fl.us](mailto:fdot.bdi@dot.state.fl.us).

Bidders must submit the BDI Reference Sheet (Form No. 275-000-02) with the bid.

If bidding through Bid Express, please upload the completed BDI Reference Sheet (Form No. 275-000-02) as a zip file using the "File Attachment Upload" folder in the Expedite application.

BDI Reference Sheet may be found at: <http://www.dot.state.fl.us/equalopportunityoffice/bdi.shtm>

Bid Bonds of \$500 are required for bids over \$150,000 and may be in the form of a Cashier's Check, the BDI Bid or Proposal Bond (Form No. 375-020-16), or the standard Bid or Proposal Bond form, Form No. 375-020-09).

A Performance Bond is not required for contracts \$250,000.00 and less.

The improvements under this contract consist of a raised median along SR 436 (Semoran Blvd.) In addition, there will be milling and resurfacing, minor roadway improvements and a new signal installed.

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ALT	Item	Description	Unit	Quantity
<b>Section 0001 Roadway</b>				
	0101- 1-	MOBILIZATION (43442515201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43442515201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	MH	56.000
	0102- 60-	WORK ZONE SIGN	ED	15,210.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	36,075.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	390.000

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ALT	Item	Description	Unit	Quantity
	0102- 74- 6	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	ED	2,080.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	390.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	576.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	65.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	65.000
	0102-911- 1	PAVEMENT MARKING REMOVABLE TAPE, WHITE OR BLACK, SKIP	LF	192.000
	0104- 10- 3	SEDIMENT BARRIER	LF	44.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	17.000
	0107- 1-	LITTER REMOVAL	AC	6.960
	0107- 2-	MOWING	AC	3.480
	0110- 1- 1	CLEARING & GRUBBING (43442515201)	LS	1.000
	0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	94.000
	0120- 1-	REGULAR EXCAVATION	CY	79.000
	0285-711-	OPTIONAL BASE, BASE GROUP 11	SY	273.000
	0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	478.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	24,710.000
	0334- 1- 23	SUPERPAVE ASPH CONC, TRAFFIC C, PG76-22, PMA	TN	738.600
	0337- 7- 43	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22, PMA	TN	1,967.300
	0350- 3- 7	PLAIN CEMENT CONCRETE PAVEMENT, 9"	SY	75.000
	0425- 6-	VALVE BOXES, ADJUST	EA	14.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	38.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	67.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	1,547.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	865.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	12.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	15.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	110.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43442515201)	LS	1.000
<b>Section 0002 Signing</b>				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	7.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	5.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	1.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	2.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	7.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	4.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	4.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43442515201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	651.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	68.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	1,013.000

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ALT	Item	Description	Unit	Quantity
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.186
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	8.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	23.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	17.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	1.270
	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	1.693
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.890
<b>Section 0003 Signalization</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	141.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,000.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	61.000
	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- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	866.000
	0633- 1-410	FIBER OPTIC CABLE, RELOCATE, OVERHEAD	LF	281.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	124.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	3.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	11.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	3.000
	0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	2.000
	0634- 4-142	SPAN WIRE ASSEMBLY, F&I, SINGLE POINT, DIAGONAL	PI	1.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	17.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	3.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1.000
	0639- 1-610	ELECTRICAL POWER SERVICE, REMOVE OVERHEAD	AS	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	20.000
	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	2.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	6.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	2.000
	0649- 31-202	MAST ARM,F&I, WIND SPEED-130,SINGLE ARM,W/0 LUMINAIRE-46	EA	1.000
	0649- 31-999	MAST ARM,F&I, CUSTOM WIND SPEED, CUSTOM ARM LENGTH(S)	EA	2.000
	0650- 1- 14	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	12.000
	0650- 1- 16	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	3.000

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	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	6.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	1.000
	0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	3.000
	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	6.000
	0663- 1-110	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, COMPLETE SYSTEM	EA	2.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	8.000
	0670- 5-112	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 2 PREEMPTION	AS	1.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	1.000
	0682- 1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	1.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	1.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	8.000