

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting:	08261110	Call Order: 005	Proposal: E8X21	District:08
Counties:	TURNPIKE			
Road Name:	GENERATOR REPLACEMENTS WEST FLORIDA			
Limits:	08470000			
Project(s):	45381515201(*)	Federal Aid No:	N/A	
Total Roadway Length:	1.422 Miles	Contract Days:	271	
Total Bridge Length:	0.000 Miles	Letting Date:	11/10/26	
Total Proposal Length:	1.422 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	120	
Proposal Budget Estimate:	\$2,333,421.00			

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for replacement of 7 existing generators along SR 570 and SR 589, in Polk, Hillsborough, Pasco, and Hernando Counties, Florida. The existing generators provide redundant power for ITS devices but are approaching the end of service life. The back-up power includes diesel fuel generators, Automatic Transfer Switches (ATSS) and Manual transfer switches at or near each commercial power supply location to substitute the conventional power during outages for a minimum of 72 hours without refueling. The backup generators shall communicate with Traffic Management Center (TMC) through the Ethernet IP network and will include Supervisory Control and Data Acquisition (SCADA) devices to provide monitoring capabilities.

No Pre-Bid Conference. Contractor must be prequalified.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (45381515201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (45381515201)	LS	1.000
	0102- 5-	PEDESTRIAN ESCORT/FLAGGER	HR	100.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	100.000
	0102- 60-	WORK ZONE SIGN	ED	6,473.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	3,060.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	10.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	750.000
	0104- 10- 3	SEDIMENT BARRIER	LF	242.000
	0107- 1-	LITTER REMOVAL	AC	9.630
	0107- 2-	MOWING	AC	9.630
	0110- 1- 1	CLEARING & GRUBBING (45381515201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	56.000
	0110- 86-	DELIVERY OF SALVAGEABLE MATERIAL TO FDOT (45381515201)	LS	1.000
	0120- 6-	EMBANKMENT	CY	22.200
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	49.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	128.000
	0550- 10-221	FENCING, TYPE B, 5.1-6.0', W/ BARB WIRE ATTMT	LF	123.000
	0550- 60-222	FENCE GATE, TYPE B, DOUBLE, 6.1-12.0' OPENING	EA	1.000
	0999- 16-	PARTNERING, DO NOT BID (45381515201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (45381515201)	LS	1.000
Section 0002 Intelligent Transportation System				
	0102-112-	EXISTING ITS MAINTENANCE	DA	271.000
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	1.152
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	7.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	757.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	790.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	271.000
	0633- 8- 11	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL, CAT 6	LF	412.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	28.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	5.000
	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	1,728.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	23.000
	0639- 3- 60	ELECTRICAL SERVICE DISCONNECT, REMOVE- POLE OR CABINET TO REMAIN	EA	15.000
	0639- 5- 1	EMERGENCY GENERATOR-PERMANENT, UP TO 25 KW	EA	7.000
	0639- 5- 50	EMERGENCY GENERATOR-PERMANENT, REMOVE	EA	7.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	14.000
	0641- 2- 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	EA	4.000
	0676- 2-600	ITS CABINET- REMOVE	EA	1.000
	0676- 3- 10	SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D	EA	12.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	1.000
	0685- 1- 12	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION	EA	2.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	2.000