

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting:	08261020	Call Order: 001	Proposal: E8W93	District:08
Counties:	MIAMI-DADE			
Road Name:	SCADA INSTALLATIONS ALONG SR 821 - ITS COMMUNICATION SYSTEM			
Limits:	87471258			
Project(s):	45381415201(*)	Federal Aid No:	N/A	
Total Roadway Length:	1.046 Miles	Contract Days:	155	
Total Bridge Length:	0.000 Miles	Letting Date:	10/20/26	
Total Proposal Length:	1.046 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	120	

Proposal Budget Estimate: \$869,468.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for the installation of Supervisory Control and Data Acquisition (SCADA) devices for 9 existing generators along SR 821, SR 874, and SR 836.

The SCADA devices will provide monitoring capabilities for the generators which provide redundant power to multiple ITS devices.

No Pre-Bid Conference. Contractor must be prequalified.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (45381415201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (45381415201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	6,450.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	1,872.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	218.000
	0104- 10- 3	SEDIMENT BARRIER	LF	535.000
	0107- 1-	LITTER REMOVAL	AC	5.430
	0107- 2-	MOWING	AC	5.430
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	15.000
	0999- 16-	PARTNERING, DO NOT BID (45381415201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (45381415201)	LS	1.000
Section 0002 Intelligent Transportation System				
	0102-112-	EXISTING ITS MAINTENANCE	DA	0.000
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	1.000
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	9.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	583.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	200.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	480.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	1,549.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	123.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	16.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	168.000

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	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	14.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	9.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	9.000
	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	4.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	0.000
	0633- 8- 12	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL, COMPOSITE	LF	513.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	7.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	3.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	152.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	7.000
	0639- 6-121	ELECTRICAL POWER SERVICE- TRANSFORMER, F&I, 5-10 KVA, SINGLE PHASE, COPPER WINDINGS	EA	5.000
	0639- 7-136	ELECTRICAL POWER SERVICE, FURNISH & INSTALL, SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SOFTWARE/HARDWARE SYSTEMS	EA	9.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	5.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	9.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	9.000
	0684- 5- 6	MEDIA CONVERTER, REMOVE- CABINET TO REMAIN	EA	8.000
	0685- 1- 12	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION	EA	9.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	9.000