



**MEMORANDUM
ADDENDUM NO. 1**

Date: February 23, 2018

To: Bidders

From: April Payne
Contract Specialist
Florida's Turnpike Enterprise

Subject: ITB-DOT-17/18-8008-AP
Electric Panel Supervisory Control and Data Acquisition (SCADA) – Delta Automation Components

Bidders and other interested parties are informed that the above referenced documents are hereby revised, changed and supplemented as set forth below:

1. Exhibit "C," Bid Blank, page C-1; has been amended to delete Pay Item Numbers 10 and 11 and to correct the Pay Item Numbers.
2. Exhibit "C," Bid Blank, page C-2; has been amended to revise the Part Number on Pay Item Number 24.

Please remove Exhibit "C," Bid Blank, pages C-1 thru C-7 and replace them with the attached revised Exhibit "C," Bid Blank, pages C-1 thru C-7 dated 2/23/2018.

Acknowledgement of receipt of Addendum No.1 shall be identified by signing below and enclosing same with your Bid Blank.

Acknowledgement of Receipt

Signature: _____
(Authorized Signature)

Date: _____

Print/Type Name: _____

Title: _____

Firm: _____

Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

EXHIBIT "C"
 BID BLANK
 SUPERVISORY CONTROL AND DATA
 ACQUISITION (SCADA) - DELTA AUTOMATION COMPONENT

PAY ITEM NO.	PART NUMBER	DESCRIPTION	UNIT OF MEASURE	UNIT BID PRICE
DVP-S PLC Hardware (Delta) 1 thru 19				
1	DVP04AD-S	Analog Input Card, Delta DVP-S I/O Module AI	each	
2	DVP08SM11N	Delta DVP-S I/O Module, 8DI 24VDC Input Points	each	
3	DVP08SN11R	Delta DVP-S I/O Module, 8DO, Relay Output	each	
4	DVP12SE11R	Delta Programmable Logic Control 8/4R DC 6	each	
5	DVP04DA-S	DVP-S I/O Module, 4AO Analog Output	each	
6	DVP04PT-S	Programmable Logic Control (PLC) 4/OPT DC 6	each	
7	DVP04TC-S	DVP-S I/O Module, 4AI Thermocouple Inputs	each	
8	DVP06AD-S	DVP-S I/O Module, 6AI, Analog Input	each	
9	DVP06XA-S	DVP-S I/O Module, 4AI/2AO Analog Output	each	
10	DVP08SM11N	DVP-S I/O Module, 8DI 24VDC Input points	each	
11	DVP08SN11R	DVP-S I/O Module, 8DO, Relay-Output	each	
12	DVP08SN11T	DVP-S I/O Module, 8DO Output point, Transistor Output	each	
13	DVP08SP11R	Programmable Logic Control 4/4R DC 6	each	
14	DVP16SP11R	Relay Output, DVP-S I/O Module, 8DI/8DO	each	
15	DVP16SP11T	Transistor Output, DVP-S I/O Module, 8DI/8DO	each	
16	DVP16SP11TS	Programmable Logic Control 8/8TS DC 6	each	
17	DVPPS01	Power Supply, 1 Amp for DVP-S series	each	
18	DVPPS02	Power Supply, 2 Amp for DVP-S series	each	
19	DVP16SM11N	16 Digital Input Card 24VDC	each	
Subtotal of Pay Items				

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PAY ITEM NO.	PART NUMBER	DESCRIPTION	UNIT OF MEASURE	UNIT BID PRICE
AH500 PLC Hardware (Delta) 20 Thru 52				
20	AHPS05-5A	Delta AC 85 - 264V Auto-Range Input, 5A DC Output Power Supply	each	
21	AHPS15-5A	DC 24V Input Power Supply	each	
22	AHBP04M1-5A	Delta 4 slots, for CPU/RTU Base	each	
23	AHBP08M1-5A	Delta 6 slots, for CPU/RTU Base	each	
24	AHBP08M1-5A	Delta 8 slots, for CPU/RTU Base	each	
25	AHBP12M1-5A	Delta 12 slots, for CPU/RTU Base	each	
26	AHCPU500-EN	CPU Module, USB, COM1, SD, Ethernet	each	
27	AHCPU510-EN	CPU Module, USB, COM1, SD, Ethernet (1,024 I/O),	each	
28	AHCPU520-EN	CPU Module, USB, COM1, SD, Ethernet (2,048 I/O),	each	
29	AHCPU530-EN	CPU Module, USB, COM1, SD, Ethernet (4,096 I/O)	each	
30	FMC-SD001G	SD Memory Card 1 gig	each	
31	AH10EN-5A	Delta Ethernet module	each	
32	AH02HC-5A	High Speed Count, 2 axes Motion Card	each	
33	AH04AD-5A	4 Channel Analog input card	each	
34	AH04DA-5A	4 Channel Analog output card	each	
35	AH04HC-5A	High Speed Count, 4 axes Motion Card	each	
36	AH04PT-5A	2/3/4-Wire 4 Channel Resistive Temperature Device	each	
37	AH04TC-5A	4 Channel Resistive Temperature Device (J, K, R, S, T, E, N, Temp Sensors)	each	
38	AH05PM-5A	3 Axes Motion Card	each	
39	AH06XA-5A	4AI/2AO Multi-Channel Analog card	each	
40	AH08AD-5B	8 Channel Analog Input Card Voltage/Current	each	
41	AH08AD-5C	8 Channel Analog Input Card Current	each	
42	AH08DA-5B	8 Channel Analog Output Card Voltage/Current	each	
43	AH08DA-5C	8 Channel Analog Output Card Current	each	
44	AH08PTG-5A	8 Channel Pressure, Thermal, Ground Card	each	
45	AH08TC-5A	8 Channel Resistive Temperature Device (J, K, R, S, T, E, N, Temp Sensors)	each	
46	AH16AM10N-5A	24VDC, 7 mA, 16 Digital Input Card	each	

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PAY ITEM NO.	PART NUMBER	DESCRIPTION	UNIT OF MEASURE	UNIT BID PRICE
47	AH16AM30N-5A	100 to 240VAC, 7 mA (100V, 50Hz), 16 Digital Inputs	each	
48	AH16AN01P-5A	12 to 24 VDC, 0.5A, 16 Digital Outputs Card, PNP	each	
49	AH16AN01R-5A	250VAC/24VDC, 2A, Relay, 16 Digital Output Card	each	
50	AH16AN01S-5A	AC 110/220V, 16 Digital Input, 0.6A/pt., TRIAC	each	
51	AH16AN01T-5A	12 to 24 VDC, 0.5A, 16 Digital Outputs, NPN	each	
52	AH16AP11P-5A	24VDC, 7 mA, 8 inputs, 12 to 24 VDC, 0.5A, 8 outputs, PNP, 8 output	each	
Subtotal of Pay Items				
HMI Hardware (Delta) 53 thru 68				
53	DOP-B03S211	4.3-inch High Resolution Touch Screen HMI	each	
54	DOP-B03E211	4.3-inch High Resolution Touch Screen HMI With Ethernet Port	each	
55	DOP-B05S111	5.6-inch High Resolution Touch Screen HMI	each	
56	DOP-B07S515	7-inch High Color , High Resolution Touch Screen HMI	each	
57	DOP-B07E515	7-inch High Color , High Resolution Touch Screen HMI With Ethernet Port	each	
58	DOP-B10S615	10.1-inch High Resolution Touch Screen HMI	each	
59	DOP-B10E615	10.1-inch High Resolution Touch Screen HMI With Ethernet Port	each	
60	DOP-CAUSBAB	HMI Programming USB Cable	each	
61	DOP-CA232DP	Communication Cable 6FT, RS232 DB9 to Mini Din	each	
62	DOP-W105B	10-inch High Resolution Wide Screen HMI	each	
63	DOP-W127B	12.1-inch High Resolution Wide Screen HMI	each	
64	DOP-W157B	15-inch High Resolution Wide Screen HMI	each	
65	TP70P-16TP1R	7" touch Panel with Built-in PLC 8DI/8DO	each	
66	TP70P-32TP1R	7" touch Panel with Built-in PLC 16DI/16DO	each	
67	TP70P-21EX1R	7" touch Panel with Built-in PLC 8DI/8DO; 2AI, 1AO and 2 PT100 sensor channels	each	
68	TP70P-22XA1R	7" touch Panel with Built-in PLC 8DI/8DO; 2AI, 2AO	each	
Subtotal of Pay Items				
Power Supply Hardware (Delta) 69 thru 86				
69	DRP-24V48W1AZ	Delta Power Supply 48W / 24V Plastic	each	
70	DRP024V060W1AZ	Delta Power Supply 60W / 24V Plastic	each	

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71	DRP024V060W1AA	Delta Power Supply 60W / 24V	each	
72	DRP024V120W1AA	Delta Power Supply 120W / 24V	each	
73	DRP024V240W1AA	Delta Power Supply 240W / 24V	each	
74	DRP024V480W1AA	Delta Power Supply 480W/ 24V	each	
75	DRP012V015W1AZ	Delta Power Supply 15W / 12V, Plastic	each	
76	DRP012V030W1AZ	Delta Power Supply 30W / 12V, Plastic	each	
77	DRP012V060W1AA	Delta Power Supply 60W / 12V	each	
78	DRP012V100W1AA	Delta Power Supply 100W / 12V	each	
79	DRP024V060W1BA	Delta Power Supply 60W / 24V	each	
80	DRP024V120W1BA	Delta Power Supply 120W / 24V	each	
81	DRP024V240W1BA	Delta Power Supply 240W / 24V	each	
82	DRP024V480W1BA	Delta Power Supply 480W / 24V	each	
83	DRP024V060W1BN	Delta Power Supply 60W / 24V	each	
84	DRP024V120W1BN	Delta Power Supply 120W / 24V	each	
85	DRP024V240W1BN	Delta Power Supply 240W / 24V	each	
86	DRP024V480W1BN	Delta Power Supply 480W / 24V	each	
Subtotal of Pay Items				
Misc. Automation Hardware (Delta) 87 thru 112				
87	IFD9507	Communication Module 485/232-ETH EIP 4	each	
88	IFD6500	Communication Module USB-485 22	each	
89	IFD8510	Communication Module 485 REP ISO 30	each	
90	DPM-530C	Delta Power Meter	each	
91	DVS-005100	5 port Ethernet Switch Temp. (-0~60)	each	
92	DVS-005W01	5 port Ethernet Switch Temp. (-40~75), Built-In Alarm IO	each	
93	DVS-005W01-MC01	5 port Ethernet Switch Temp. (-40~75), Built-In Alarm IO and Fiber	each	
94	DVS-005W01-SC01	5 port Ethernet Switch Unm. 5P WT,SM-SC	each	
95	DVS-008W01	8 port Ethernet Switch Temp. (-40~75), Built-In Alarm IO	each	
96	DVS-008W01-MC01	8 port Ethernet Switch Temp. (-40~75), Built-In Alarm IO and Fiber	each	

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97	DVS-008W01-SC01	8 port Ethernet Switch Unm. 8P WT,SM-SC	each	
98	DVS-016W01	16 port Ethernet Switch Temp. (-40~75), Built-In Alarm IO	each	
99	DVS-016W01-MC01	16 port Ethernet Switch Temp. (-40~75), Built-In Alarm IO and Fiber	each	
100	DVS-016W01-SC01	16 port Ethernet Switch Unm. 16P WT,SM-SC	each	
101	DVS-008I00	8port Fast-E Unmanaged Switch (-10c to 60c)	each	
102	DVS-G008I00A	8port Gigabit Unmanaged Switch (-10c to 60c)	each	
103	DVS-110W02-3SFP	10port, 7 Fast-E and 3 Gigabit-E Managed Switch	each	
104	DVW-W02W2-E2	Wireless 802.11 a/b/g/n Gateway (-40c to 75c)	each	
105	DTB4824VR	Delta Temperature Controller DTB Series Advanced Type Panel size 4824 Voltage Output & Relay output	each	
106	DTB4824RR	Delta Temperature Controller DTB Series Advanced Type Panel Size 4824 Relay Output & Relay Output	each	
107	DTB4848VR	Delta Temperature Controller DTB Series Advanced Type Panel Size 4848 Voltage Output & Relay Output	each	
108	DTB4848CR	Delta Temperature Controller DTB Series Advanced Type Panel Size 4848 Current Output & Relay Output	each	
109	DTB4848RR	Delta Temperature Controller DTB Series Advanced Type Panel Size 4848 Relay Output & Relay Output	each	
110	DTB4896RRE	Delta Temperature Controller DTB Series Advanced Type Panel Size 4896 Relay Output & Relay Output with Event Control Function	each	
111	DTB9696CRE	Delta Temperature Controller DTB Series Advanced Type Panel size 9696 Current Output & Relay Output with Event Control Function	each	
112	DTB9696RRE	Delta Temperature Controller DTB Series Advanced Type Panel Size 9696 Relay Output & Relay Output with Event Control Function	each	

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INDEFINITE QUANTITY TERM CONTRACT

SUBTOTAL AMOUNT PAY ITEM NOS. 1 TO 19	\$ _____
SUBTOTAL AMOUNT PAY ITEM NOS. 20 TO 52	\$ _____
SUBTOTAL AMOUNT PAY ITEM NOS. 53 TO 68	\$ _____
SUBTOTAL AMOUNT PAY ITEM NOS. 69 TO 86	\$ _____
SUBTOTAL AMOUNT PAY ITEM NOS. 87 TO 112	\$ _____
	\$ _____

(ADD TOGETHER ALL ABOVE SUBTOTALS)

Company Name: _____

MFMP TRANSACTION FEE: Effective July 1, 2003, the State instituted, through Rule 60A-1 of the Florida Administrative Code (F.A.C.), a Transaction Fee for procurement transactions to provide funding for an electronic procurement system, known as MyFloridaMarketPlace.

Effective July 1st, 2017, through June 30th, 2018, in accordance with Senate Bill 2502, the Transaction Fees imposed for use of the State of Florida's eProcurement systems will remain at seven-tenths of one percent (.70%) of the payment issued. The Transaction Fees imposed shall be based upon the date of issuance of the payment.

****Prices shall be firm, net, delivered prices, F.O.B. destination.

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2/23/2018

**EXHIBIT "C" BID BLANK
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The undersigned has completed and is returning the following documents as part of its Bid Package and understands that failure to return any of these documents fully completed may cause rejection of the Bid.

The following forms must be completed and submitted by or prior to the bid due date and time, in order for the Bid to be responsive:

- ___ Bid Blank: Exhibit "C", Page C-1- thru C-7
- ___ All forms supplied with the bid package (Forms 1 thru 4) return Form 2 if applicable. Be certain to fill in all the blanks on the forms supplied; do not leave any blank lines on the forms. Sign and return each form.

Name of Business: (Print) _____ Federal I.D. No.: _____

Mail Address: _____ M.B.E.: Yes No

Street Address: _____

City: _____ County: _____ State: _____ Zip: _____

Phone Number: () _____ - _____ Email Address: _____ Fax No. () _____

Emergency Contact Information (After Hours):

Name: _____ Phone Number: () _____ - _____ Email Address: _____

Name: _____ Phone Number: () _____ - _____ Email Address: _____

Authorized Signature: _____ Title: _____ Owner, President, Vice President or Designated Officer (Corporate Resolution) **

Print/Type Name: Mr. Ms. Mrs. _____ Date: _____

Phone Number: () _____ - _____ Email Address: _____

***If person signing the form is someone other than the Owner, President, Vice President or designated officer a copy of the Corporate Resolution granting signature authorization must be furnished in the bid package.**

****** Prices shall be firm, net, delivered prices, F.O.B. destination.**

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