


CENTRAL FLORIDA EXPRESSWAY AUTHORITY

MEMORANDUM

TO: Members of the Board
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, Florida 32807

FROM: Ben Dreiling, P.E. 
Director of Construction and Maintenance

DATE: August 25, 2014

RE: Consent Agenda Item
Construction Contract Modifications

Authorization is requested to execute the following Construction Contract Modifications. Supporting detailed information for each proposed Construction Contract Modification is attached.

Contract No.	Name	Contract Description	Original Contract Amount (\$)	Previous Authorized Adjustments (\$)	Requested (\$) September 2014	Total Amount (\$ to Date *	Time Increase or Decrease
599-616	Traffic Control Products of FL, Inc.	Systemwide Trailblazers Signs	965,793.50	0.00	(38,684.37)	927,109.13	0
429-621	United Signs & Signals, Inc.	SR 429 Guide Sign Replacement	1,859,383.90	0.00	10,583.89	1,869,967.79	0
599-520	United Signs & Signals, Inc.	Systemwide Data Collection System Upgrade	4,290,457.94	0.00	60,612.00	4,351,069.94	0
TOTAL					\$32,511.52		

* Includes Requested Amount for current month.

BD/cb/ek

cc: Joe Berenis, P.E.

The following is a proposed Construction Contract Modification along with the detailed information:

Contract 599-616: Systemwide Trailblazers Signs
Traffic Control Products of FL, Inc.
SA 599-616-0914-01

Quantity Adjustments for Completed Pay Items

The Authority wishes to adjust quantities for completed pay items in the Contract. This will adjust the contract quantities to reflect the actual authorized quantities installed under the Contract. The Disputes Review Board was not required for this project.

OVERRUN THE FOLLOWING PAY ITEMS:

F&I Single Post Sign Assembly (12-20 SF)	\$8,094.00
Replace Sign Panel (15 SF or Less)	<u>\$2,233.00</u>
	\$10,327.00

UNDERRUN THE FOLLOWING PAY ITEMS:

Concrete Sidewalk (4" Thick)	(\$6,210.00)
Sod (Performance Turf)	(\$1,250.00)
F&I Single Post Sign Assembly (Less Than 12 SF)	(\$950.00)
F&I Barrier Mounted Sign Assembly (12-20 SF)	(\$2,144.00)
F&I New Sign Panel (15 SF or Less)	(\$660.00)
F&I New Sign Panel (16-100 SF) Ground Mounted	(\$571.00)
F&I New Sign Overlay (15 SF or Less)	(\$2,016.00)
F&I 3M Linear Delineation System (6" Panels)	(\$12,587.25)
F&I Luminares on Existing Sign Assembly	(\$11,828.00)
Allowance for Disputes Review Board	(\$3,000.00)
Work Order Allowance	<u>(\$7,795.12)</u>
	(\$49,011.37)

TOTAL AMOUNT FOR PROJECT 599-616 **(\$38,684.37)**

**Contract 429-621: SR 429 Guide Sign Replacement
United Signs & Signals, Inc.
SA 429-621-0914-01**

Add/Delete Pay Items to Contract

The Authority wishes to add the following pay items due to the change in scope of work. This adjustment was made to LED driver box pay items to accommodate nine (9) drivers in cabinet and modify per Plan Revision #2.

ADD THE FOLLOWING PAY ITEMS:

F&I LED 6 Driver Box	\$218,299.90
F&I LED 9 Driver Box	<u>\$10,660.20</u>
	\$228,960.10

DELETE THE FOLLOWING PAY ITEM:

F&I LED Driver Box	(\$231,039.90)
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Subtotal: Add/Delete Pay Items to Contract (\$ 2,079.80)

Adjustments for Contract Items

The Authority wishes to adjust quantities to accommodate additional work and change in this contract. This will adjust the contract quantities to reflect the changes made to this contract.

OVERRUN THE FOLLOWING PAY ITEMS:

F&I Conduit (2" PVC Sch. 40) (Underground)	\$619.20
F&I Conduit (1" Galvanized) (Surface Mount)	\$2,099.50
F&I Conductor #10 (Insulated)	\$1,670.40
F&I Conductor #6 (Insulated)	\$498.75
F&I Luminaire & Bracket Arm on Existing Sign Assembly	\$7,143.48
F&I Pull Box Roadside (Moulded)	<u>\$632.36</u>
	\$12,663.69

TOTAL AMOUNT FOR PROJECT 429-621

\$10,583.89

Contract 599-520: Systemwide Data Collection System Upgrade
United Signs & Signals, Inc.
SA 599-520-0914-01

Wrong Way driving at entrance / exit ramps has been and continues to be an unsafe driver event that occasionally occurs on limited access roadways such as ours. In an effort to enhance driver safety and reduce the probability of a wrong way driver unwittingly entering our system, the Authority has developed plans for implementation of a visual deterrent system. At this time, we are requesting Board approval to implement a prototype of this system at one location (EB Exit Ramp from SR 528 to SR 520). The cost to implement this system is \$60,612.00 as itemized for your reference below:

Add Pay Items

The Authority wishes to add the following pay items to install the wrong way driving system. This will add the new pay items to reflect the changes made to the contract.

ADD THE FOLLOWING PAY ITEMS:

Mobilization, Wrong Way Driving	\$2,342.00
Maintenance of Traffic, Wrong Way Driving	\$2,385.00
Conduit (1-2" HDPE/SDR 11) (Trench or Plow)	\$313.00
Conduit (1-2" HDPE/SDR 11) (Bore)	\$1,853.28
Fiber Optic Conduit (2-1" HDPE/SDR 11 & 1-2" HDPE/SDR 11) (Trench or Plow)	\$12,169.90
Uninterruptible Power Supply (Install Only)	\$408.11
Single Post Sign, F&I Ground Mount, Up to 12 SF	\$8,024.00
RRFB Wrong Way System Complete (Install) (AC)	\$9,541.00
Conductors (F&I) (Insulated) (#6)	\$6,206.10
Conduit (F&I – Surface Mount) (RGS) (2")	\$245.90
ITS Field Cabinet, F&I, Special, Pole Mount (NEMA)	<u>\$1,256.90</u>
	\$44,745.19

Adjustments for Contract Items

The Authority wishes to adjust quantities to accommodate installation of the wrong way driving system. This will adjust the contract quantities to reflect the changes made to the contract.

OVERRUN THE FOLLOWING PAY ITEMS:

Fiber Optic Cable (Single Mode, 12 Fiber) (F&I)	\$2,120.58
Fiber Optic Fusion Splice	\$310.92
Pull Box (F&I)	\$6,332.00
Small Fiber Optic Pull Box (F&I)	\$1,318.03
Fiber Optic Conduit (2-1" HDPE/SDR 11) (Trench or Plow)	\$104.38
Electrical Service Disconnect (F&I)	\$2,223.00
Prestressed Concrete Pole (F&I) (Type II) (12')	\$847.00
Fiber Optic Media Converter (F&I)	\$1,315.26
Fiber Optic Patch Panel – 12 Port (F&I)	<u>\$1,295.64</u>
	\$15,866.81

TOTAL AMOUNT FOR PROJECT 599-520

\$60,612.00