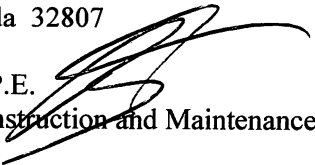


CENTRAL FLORIDA EXPRESSWAY AUTHORITY

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: June 19, 2015

RE: Consent Agenda Item
Construction Contract Modifications

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

Contract No.	Name	Contract Description	Original Contract Amount (\$)	Previous Authorized Adjustments (\$)	Requested (\$) July 2015	Total Amount (\$) to Date*	Time Increase or Decrease
417-304	Southland Construction, Inc.	SR 417 / Turnpike Interchange	30,876,393.69	28,600.56	(406,761.49)	30,498,232.76	0
TOTAL					(\$406,761.49)		

* Includes Requested Amount for current month.

BD/ep

cc: Joe Berenis, P.E.

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

Contract 417-304: SR 417 / Turnpike Interchange
Southland Construction, Inc.
SA 417-304-0715-06

Final Quantities for Pay Items of Work to Date

This adjusts pay items contract quantities to reflect the actual authorized quantities to date under the Contract.

ADD THE FOLLOWING ITEMS:

SP Asphalt Concrete (TL C) (1.5" Thick) – CPF Adj.	\$797.67
Asphalt Concrete FC (3/4") (FC-5) (PG 76-22) (0.75") – Straightedge Adj.	(\$479.83)
Asphalt Concrete FC – Surface Texture Deficiency	(\$2,214.11)
Asphalt Concrete FC (FC-5) – Straightedge Deduction	(\$1,529.69)
DDM 08-Plastic Property Test Failure of Concrete	(\$1,900.00)
Work Orders 1 – 31	<u>\$120,175.85</u>
	\$114,849.89

INCREASE THE FOLLOWING ITEMS:

Changeable Variable Message Sign, Temporary	\$7,325.00
Asphalt Concrete FC (3/4") (FC-5) (PG 76-22) (0.75") – CPF Adj.	\$11,968.53
Fencing, Type B, 5.1 – 6.0', Standard	\$11,514.36
Thermoplastic, Standard, White, Solid, 8"	\$147.72
Thermoplastic, Standard, White, Solid, 12"	\$26.37
Thermoplastic, Standard, White, Solid, 18"	\$668.82
Thermoplastic, Standard, Yellow, Solid, 18"	\$115.02
ITS Fiber Optic Cable (F&I) (UG) (12 Strand) (Single Mode)	\$42.64
ITS Fiber Optic Con. (Install) (Splice)	\$167.08
ITS Fiber Optic Con. Hardware (F&I) (Splice Tray)	<u>\$58.75</u>
	\$32,034.29

DECREASE THE FOLLOWING ITEMS:

SP Asphalt Concrete (TL C) (1.5" Thick) – CPF Adj.	(\$1,589.94)
Asphalt Concrete FC (3/4") (FC-5) (PG 76-22) (0.75")	(\$60,108.77)
Misc. Asphalt Pavement (100 lb/sy) (2" Thick)	(\$15,478.70)
Rumble Strips, Ground-In, 16" Min. Width	(\$4,441.19)
Performance Turf (Sod)	(\$179,379.84)
Fiber Optic Cable Inventory	(\$548.18)
Fiber Optic Splice Housing Inventory	(\$136.78)
Fiber Optic Cable (72-Strand Fiber) (F&I)	(\$127.30)
Retro-Reflective Pavement Markers	(\$232.68)
Painted Pavement Markings, Final Surface	(\$1,965.82)
Thermoplastic, Standard, White, Solid, 6"	(\$4,332.01)
Thermoplastic, Standard, White, Skip, (10' – 30') or (3' – 9')	(\$1,025.57)
Thermoplastic, Standard, Yellow, Solid, 6"	(\$3,505.50)
Thermoplastic, Standard, Yellow, Solid, 8"	(\$211.47)
Work Order Allowance	<u>(\$255,000.00)</u>
	(\$528,083.75)

Fuel Price Index Adjustments

Article 7.2.1.1 provides for adjustments for fluctuation in the Fuel Price Index. Adjustments are made only if the current month Fuel price is greater or less than 5% of the bid/base fuel price. The Engineer calculates Fuel adjustments for the period September 2013 through April 2015. During this period of time \$30,498,232.74 of construction was performed/produced.

Base May 2013	Gas Price = 2.8069	Diesel Price = 3.022	Adjustment
Sep-13	Gas Price = 2.87150	Diesel Price = 3.2633	\$20.39
Oct-13	Gas Price = 2.64180	Diesel Price = 3.0811	(\$28.32)
Nov-13	Gas Price = 2.52400	Diesel Price = 3.0729	(\$545.30)
Dec-13	Gas Price = 2.62940	Diesel Price = 3.2797	\$4,036.95
Jan-14	Gas Price = 2.73280	Diesel Price = 3.2271	\$1,115.75
Feb-14	Gas Price = 2.61880	Diesel Price = 3.1432	(\$82.55)
Mar-14	Gas Price = 2.77290	Diesel Price = 3.3311	\$4,977.00
Apr-14	Gas Price = 2.99600	Diesel Price = 3.2251	\$2,082.90
May-14	Gas Price = 2.92280	Diesel Price = 3.1818	\$277.27
Jun-14	Gas Price = 2.89270	Diesel Price = 3.0632	\$0.00
Jul-14	Gas Price = 2.87390	Diesel Price = 3.0520	\$0.00
Aug-14	Gas Price = 2.70150	Diesel Price = 2.9803	\$0.00
Sep-14	Gas Price = 2.71870	Diesel Price = 2.9718	\$0.00
Oct-14	Gas Price = 2.53180	Diesel Price = 2.7833	(\$2,306.53)
Nov-14	Gas Price = 2.17060	Diesel Price = 2.6474	(\$9,253.93)
Dec-14	Gas Price = 1.98370	Diesel Price = 2.4271	(\$11,696.14)
Jan-15	Gas Price = 1.51270	Diesel Price = 1.9318	(\$7,030.97)
Feb-15	Gas Price = 1.55850	Diesel Price = 1.9332	(\$24.55)
Mar-15	Gas Price = 1.82630	Diesel Price = 2.1668	(\$5,828.68)
Apr-15	Gas Price = 1.71750	Diesel Price = 1.9965	(\$298.55)
			(\$24,585.26)

Bituminous Price Index Adjustments

Article 7.2.1.2 provides the Authority will adjust the bid unit price for bituminous material to reflect increases or decreases in the Asphalt Price Index (API) of bituminous material from that in effect on the day on which bids were received.

Cert. No.	Month	Unmodified Binders Index	Modified Binders Index	Monthly Bit. Adjustment
Bid Month	May-13	2.4095	3.0716	
1	25-Jul-14	2.4949	3.1675	\$ -
2	25-Aug-14	2.5783	3.2468	\$ 17.00
3	25-Sep-14	2.6021	3.2718	\$ 1,133.81
4	25-Oct-14	2.5888	3.2575	\$ 56.68
5	25-Nov-14	2.4871	3.1579	\$ -
6	25-Dec-14	2.4292	3.0952	\$ -
7	25-Jan-15	2.3515	2.9622	\$ -
8	25-Feb-15	2.2914	2.9048	\$ -
9	25-Mar-15	2.1466	2.7289	\$ (2,184.15)
				\$ (976.66)

TOTAL AMOUNT FOR PROJECT 417-304

(\$406,761.49)