



HISTORIC
FRANKLIN
TENNESSEE

ITEM #33
BOMA
07/23/13

MEMORANDUM

July 3, 2013

TO: Board of Mayor and Aldermen

FROM: Eric Stuckey, City Administrator
David Parker, City Engineer/CIP Executive
Paul Holzen, Director of Engineering
William Banks, Staff Engineer

SUBJECT: **Consideration of Sole Source Purchase of Traffic Signal Activation Equipment for the Public Works Facility Access Road Project**

Purpose

The purpose of this memo is to recommend approval for purchasing Traffic Signal activation equipment directly from Traffic Technology Integrations for the Public Works Facility Access Road Project.

Background

The construction contract (COF Contract 2012-0075) for the Public Works Facility Access Road Project was awarded by BOMA to McMillan Construction Company, LLC. on November 27, 2012, in the amount of \$785,276.42. The construction notice to proceed was issued for April 15, 2013, with a completion date of August 13, 2013. The total budget for the project is currently at \$888,024.10, which includes the above construction contract and the design fees of \$102,747.68.

This memo is requesting additional monies to cover a change in the type of traffic signal activation equipment. The original construction contract included basic advance loop wires that are cut into the asphalt pavement, which trigger the traffic signal activation. The proposed change is to swap over to a radar based intersection activation method, thereby eliminating the need for loop wires. The Streets Department has requested we pay the additional fees to go to this radar system because of the following: it will eliminate the need to cut the existing asphalt road in Columbia Ave, which could lead to long term roadway maintenance, and Lasko's new concrete approach would not be disturbed. The new radar system also has other benefits, one being able to collect traffic counts along this corridor. This system has recently been used on a few other intersections around town, and is recommend to be used at this one as well. The vendor, Traffic Technology Integrations, is currently being utilized as a sole source equipment provider by the Streets Department.

See attached Exhibit A for the invoice.

Financial Impact

A project budget increase of Twenty-Two Thousand Nine Hundred Ninety-Three and 10/100 Dollars (\$22,993.10). This is a budgetary increase to cover the additional signalization costs. No increase to existing contracts is being proposed. There will be a reduction in the construction contract to eliminate certain items associated with the basic loop wire system, but final numbers are not yet available. New budget total will be \$911,017.20 (\$888,024.10 + \$22,993.10).

Recommendation

Staff recommends increasing the project budget to allow the traffic signal equipment payment to Traffic Technology Integrations in the amount of \$22,993.10.

Traffic Technology Integrations

1295 Old Hickory Blvd
 Nashville, TN 37207
 (615) 410-0737 / 975-1662

Exhibit A
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Invoice

Date	Invoice #
7/2/2013	110

Bill To
City of Franklin 109 Third AV South Franklin, TN 37064

Ship To
City of Franklin Michael Hamm 109 Third AV South Franklin, TN 37064

P.O. Number	Terms	Rep	Ship	Via	Due Date	Ordered by
Columbia ave us3...	Net 30	Dan V	7/2/2013	Best Way	8/1/2013	William Fox

Quantity	Item Code	Description	U/M	Price Each	Amount
1	INTXN RADARS ASSY	Columbia ave us31 @ public works dr. INTERSECTION RADARS ASSEMBLY : DESCRIPTION Stop Line Sensor, Qty 2 Advance Sensor, Qty 2 Mount Bracket, Qty 4 COMM Connector Cable 20', Qty 4 Junction Box, Qty 4 RDS COMM Cable, Qty 1,000 ft Cabinet Interface DEV, Qty 1 Contact Closure 4 CH DEV, Qty 4		22,993.10	22,993.10

Approved for payment
Eric Stuebing
 7-18-13

Shipping cost is included. Thank you for your business.

Interest of 1.50% per month, or fraction thereof (Annual rate of 18.0%) will be charged on all past due balances

Total
\$22,993.10