

MEMORANDUM

Date March 9, 2010

TO: Board of Mayor and Aldermen

FROM: Eric Stuckey, City Administrator
Kevin E. Comstock; ITS Project Manager

SUBJECT: *See* **Purchase of Hardware for Installation at Franklin Rd and Mack Hatcher Memorial Parkway**

Purpose

The purpose of this memorandum is to present information to the Board of Mayor and Aldermen (BOMA) to consider the purchase of hardware for installation by Streets Department Staff at the intersection of Franklin Rd. and Mack Hatcher Memorial Parkway,

Background

Between January, 2006 and July, 2009 Traffic Operations Staff indentified eight-seven (87) rear-end crashes at the above referenced intersection. Staff feels that they may be able to mitigate these crashes through the use of properly placed advanced detection.

The use of advance detection is currently being designed as part of the Mack Hatcher NE Quad widening project. Staff is concerned with its current schedule of an additional 24 to 36 months the number of crashes that could potentially occur before that project is completed. Staff has implemented and had great success with a wireless application that we propose to use temporarily for this location. The devices could be installed now and removed later at another location or as replacement devices where they exist currently.

Financial Impact

The material required is \$9,563.00 and would be paid for from the TOC Traffic Signal Upgrade Program. City forces would install and set up the devices and ensure them operationally.

Recommendation

Staff recommends authorization of the purchase.

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DATE

February 23, 2010

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Franklin, TN 37064-3926 4-6 Weeks, A.R.O.

Fax: (615) 791-3200 SALESMAN

Attn: William Tim Olinger

Quantity	Description	Price	Amount
0	VSN240-T Flush Mount veicle sensor(Traffic signal control only)	\$389.00	\$0.00
8	VSN240-F Flush Mount veicle sensor (Freeway use)	\$463.00	\$3704.00
8	Epoxy Tube (M-PP-450 & M-SM-750)	\$37.00	\$296.00
5	KIT-MTG Mounting Bracket	\$140.00	\$700.00
4	RP240-B Repeaters	\$625.00	\$2500.00
1	PS175 Power Supply	\$162.00	\$162.00
1	AP-240-S Access point	\$1,437.00	\$1,437.00
0	5 position card rack	\$625.00	\$0.00
1	CC-170 Master Compliant Board	\$764.00	\$764.00
	Total-	\$3816.00	\$9563.00

Pricing good for a quantity of 25 for more than 25 contact

Temple Inc.

Quote Valid For 60 Days. SALESMAN _____

CONDITIONS: The prices and terms on this quotation are not subject to verbal changes or other agreements unless approved in writing by **Temple, Inc.** All quotations and agreements are contingent upon strikes, accidents, fires, availability of materials and all other causes beyond our control. Prices are based on costs and conditions existing on date of quotation and are subject to change by **Temple, Inc.** before final acceptance. Freight will be prepaid and allowed unless otherwise noted on this quotation