



PURCHASING ITEM FOR COUNCIL AGENDA

MEMO NO. TE11-088

1. Agenda Item Number:

36

2. Council Meeting Date:

January 27, 2011

TO: MAYOR & COUNCIL

3. Date Prepared: December 20, 2010

THROUGH: CITY MANAGER

4. Requesting Department: Transportation & Development

5. SUBJECT: Approve the sole source purchase of Autoscope traffic signal detection cameras from Econolite, Inc. for a total not to exceed \$50,000.

6. RECOMMENDATION: Recommend approval of sole source purchase of Autoscope traffic signal detection cameras from Econolite, Inc. for a total not to exceed \$50,000.

7. BACKGROUND/DISCUSSION: Traffic Engineering requires traffic signal detection cameras on each leg of major street intersections to detect the presence of vehicles. This allows intelligent traffic signal timing. Signal head indications change based on traffic demand as detected by the Autoscope detection cameras manufactured by Econolite. To enhance environmental efficiency, signal timings are based on actual vehicle arrivals and volume counts. These cameras do not monitor speed or red light running.

8. EVALUATION PROCESS: The City has a networked system of video detection which also allows for signal monitoring. Due to compatibility, the same type of cameras must be used at each intersection to feed data back to the Traffic Management Center. The City has been using Autoscope detection cameras and has had excellent results with this detection method and equipment.

9. FINANCIAL IMPLICATIONS:

Cost: \$50,000

Savings: \$0

Long Term Costs: N/A

Funding Source:

Acct No.: Fund: Program Name: CIP Funded: Funds: 215.3310.0.6516.11T327 HURF Video Detection Cameras FY10-11 \$50,000

10. PROPOSED MOTION: Recommend approval of the sole source purchase of Autoscope traffic signal detection cameras from Econolite, Inc. for a total not to exceed \$50,000.

APPROVALS

11. Requesting Department:

[Signature of Daniel W. Cook]

Daniel W. Cook, Transportation Manager

12. Department Head:

[Signature of R. J. Zeder]

R. J. Zeder, Transportation & Development

13. Procurement Officer:

[Signature of Sharon Brause]

Sharon Brause, CPPB, CPCP

14. Acting City Manager:

[Signature of Rich Dlugas]

Rich Dlugas