



**PURCHASING ITEM
FOR
COUNCIL AGENDA**

MEMO NO. TE08- 100

1. Agenda Item Number:

31

2. Council Meeting Date:
November 8, 2007

TO: MAYOR & COUNCIL

3. Date Prepared: October 23, 2007

THROUGH: CITY MANAGER

4. Requesting Department: Public Works

5. SUBJECT: Approval to purchase traffic signal fiber optic communication equipment from Phoenix Highway Products utilizing the Arizona Department of Transportation state-wide contract (#T07-20-00012) in the amount of \$105,369.39

6. RECOMMENDATION: Approval to purchase traffic signal fiber optic communication equipment from Phoenix Highway Products utilizing the Arizona Department of Transportation state-wide contract (#T07-20-00012) in the amount of \$105,369.39

7. BACKGROUND/DISCUSSION: As part of a Franchise Agreement with AGL Resources, this company will be installing 18 miles of traffic signal fiber optic cables on behalf of the City (see attached map). This work will be constructed within a joint trench with separate conduit and fiber that will be owned by the City. To make use of this fiber, communications equipment (fiber modems, serial ports, and video servers) is needed at 23 traffic signal cabinets to allow it to communicate with the City's Traffic Management Center. This will greatly enhance the reliability and functionality of our communications network.

8. EVALUATION PROCESS: The traffic signal fiber optic communication equipment is proposed to be purchased through an Arizona Department of Transportation (ADOT) State-wide contract (#T07-20-00012) with Phoenix Highway Products, LLC, the approved vendor for this equipment.

9. FINANCIAL IMPLICATIONS:

Cost: \$105,369.39

Savings: N/A

Long Term Costs: N/A

Fund Source:

<u>Acct. No.</u>	<u>Fund</u>	<u>Program Name</u>	<u>CIP</u>	<u>Funds</u>
215.3310.0000.6516.8ST640	Highway User Revenue Fund	Intelligent Transportation System Upgrade	FY07/08	\$105,369.39

10. PROPOSED MOTION: Move to approval purchase traffic signal fiber optic communication equipment from Phoenix Highway Products utilizing the Arizona Department of Transportation state-wide contract (#T07-20-00012) in the amount of \$105,369.39.

ATTACHMENT: Location Map

APPROVALS

11. Requesting Department

Mike Normand, Acting Assistant Public Works Director/Transportation & Operations

12. Department Head

Daniel W. Cook, Acting Public Works Director

13. Procurement Officer

Sharon Brause, CPPB

14. City Manager

W. Mark Pentz

