



**PURCHASING ITEM
FOR
COUNCIL AGENDA**

MEMO NO. TE08-069

1. Agenda Item Number:

45

2. Council Meeting Date:

September 20, 2007

TO: MAYOR & COUNCIL

3. Date Prepared: September 12, 2007

THROUGH: CITY MANAGER

4. Requesting Department: Public Works

5. SUBJECT: Approval to purchase 41 traffic signal cabinets and associated internal controller equipment from Arizona Department of Transportation (ADOT) state contracts with Phoenix Highway Products, in the amount of \$777,296.74, and 3M in the amount of \$77,900, for a total of \$855,196.74, subject to obligation of \$422,700 in federal funds.

6. RECOMMENDATION: Approval to purchase 41 traffic signal cabinets and associated internal controller equipment from Arizona Department of Transportation (ADOT) state contracts with Phoenix Highway Products, in the amount of \$777,296.74, and 3M in the amount of \$77,900, for a total of \$855,196.74, subject to obligation of \$422,700 in federal funds.

7. BACKGROUND/DISCUSSION: Traffic Engineering has a program to replace outdated "TS1" type traffic controller equipment, with more current "TS2" type controller equipment. The TS2 type equipment provides greater reliability in communications with the City's Traffic Management Center (TMC) and has more bandwidth capabilities for delivering video images. The City has an approved federal grant using Congestion Mitigation and Air Quality (CMAQ) funds in the amount of \$422,700. We are working through the Maricopa Association of Government's (MAG) 2007 Closeout process to have these funds obligated by the Federal Highway Administration (FHWA) in October. Subject to federal obligation, this action seeks Council approval to purchase \$855,196.74 in traffic control cabinets and associated internal control equipment.

Out of the 192 signalized intersections in the City, we currently have 40 outdated TS1 type cabinets. This purchase will replace all 40 intersections (with one spare) with the newer type equipment, and bring our entire system inventory up to TS2 standards. This will set the framework for allowing us to expand our current capabilities to all parts of the City.

8. EVALUATION PROCESS: These cabinets are proposed to be purchased through Arizona Department of Transportation (ADOT) State Contracts with Phoenix Highway Products, and 3M, the approved vendors for this equipment.

9. FINANCIAL IMPLICATIONS:

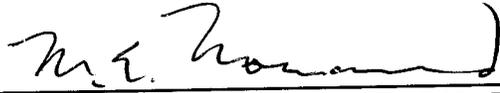
Cost: \$855,196.74
Savings: N/A
Long Term Costs: N/A
Fund Source:

| <u>Acct. No.</u> | <u>Fund</u> | <u>Program Name</u> | <u>CIP</u> | <u>Funds</u> |
|---------------------------|----------------------|--------------------------------|------------|--------------|
| 411.3310.0000.6516.8ST594 | G.O. Bonds – Streets | Traffic Signal Cabinet Upgrade | FY07/08 | \$432,496.74 |
| 217.3310.0000.6516.8ST594 | Grants | Federal CMAQ Funds | FY07/08 | \$422,700.00 |

10. PROPOSED MOTION: Approval to purchase 41 traffic signal cabinets and associated internal controller equipment from Arizona Department of Transportation (ADOT) state contracts with Phoenix Highway Products, in the amount of \$777,296.74, and 3M in the amount of \$77,900, for a total of \$855,196.74, subject to obligation of \$422,700 in federal funds.

APPROVALS

11. Requesting Department



Mike Normand, Acting Assistant P.W. Director

12. Department Head



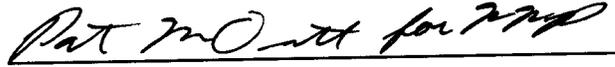
Daniel W. Cook, Acting Public Works Director

13. Procurement Officer



Sharon Brause, CPPB

14. City Manager



W. Mark Pentz