



**PURCHASING ITEM
FOR
COUNCIL AGENDA**

1. Agenda Item Number:

33

2. Council Meeting Date:
April 12, 2007

TO: **MAYOR & COUNCIL**

3. Date Prepared: March 29, 2007

THROUGH: **CITY MANAGER**

4. Requesting Department: Fire

5. **SUBJECT:** Sole source purchase and installation of a compressed air foam system (CAFS) from Frontier Emergency Products in an amount of \$26,115.

6. **RECOMMENDATION:** Recommend approval of sole source purchase and installation of a CAFS from Frontier Emergency Products in an amount of \$26,115.

7. **HISTORICAL BACKGROUND/DISCUSSION:** Chandler Fire provides Waterous brand Pneumax Compressed Air Foams Systems (CAFS) on all front line fire engines. The CAFS injects fire fighting foam concentrate and compressed air into the water that travels into the fire hose. This produces an extinguishing agent that outperforms water alone. The requested system will be installed on Brush 284. This apparatus is deployed to wildland fires. In the wildland fire fighting setting, CAFS provides even more advantages. The foam mixture penetrates fuels to extinguish deep-seated fire quicker and with much less water. It also sticks to the object it's sprayed on making it a valuable tool when protecting unburned structures or creating firebreaks.

8. **EVALUATION PROCESS:** The Fire Department requires Waterous (Pneumax) CAFS due to its unique performance capabilities and to maintain standardization within the fleet. Frontier Emergency Products is the only local authorized distributor and installer of the required equipment. The requested amount is based on a price of \$48,615 including installation and sales tax less a trade in credit of \$22,500 for an existing CAFS.

9. **FINANCIAL IMPLICATIONS:** Funds for the requested purchase are available in General Fund, Fire Support Services, Motor vehicles (101-0000-2260-6310)

10. **PROPOSED MOTION:** Move to approve sole source purchase and installation of a CAFS from Frontier Emergency Products in an amount of \$26,115.

APPROVALS

11. Requesting Department

Jim Johnson

12. Department Head

Jim Roxburgh

13. Buyer/Contract Admin.

Mike Mandt

14. City Manager

W. Mark Pentz