



Agenda Item:

60B

COUNCIL COMMUNICATION City Manager's Office

GENERAL INFORMATION

Agenda Date: 07/26/04
04-356

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Agenda Item Type: Resolution
No.:

Roll Call

Submitted by: Phillip C. Vorlander, Chief of the Fire Department

SUBJECT—

Procurement of two (2) replacement cardiac monitor-defibrillators.

SYNOPSIS—

The Des Moines Fire Department is requesting authorization to purchase two (2) Physio-Control LifePak 12 cardiac monitor-defibrillators. Medtronic Physio-Control Corporation is the manufacturer and sole vendor.

FISCAL IMPACT—

The total cost of the purchase is \$26,800.00. The units list for \$18,395.00 each, and the manufacturer's quote includes a discount of \$4,495.00 per unit and a trade-in allowance of \$500.00 per unit. Funding is available under Fund Code CP041, Project Code FIR013, Organization FIR990000, Account 544060.

RECOMMENDATION—

Approval

BACKGROUND—

The Des Moines Fire Department is a provider of Advanced Life Support out-of-hospital emergency medical care. The cardiac monitor-defibrillators carried on our seven paramedic ambulances and two paramedic engine companies are essential to the provision of this care.

Two of our monitor-defibrillator units are in need of repair, the estimated costs of which significantly exceed the value of the units. The repair estimates we have obtained address only the costs associated with fixing the inoperable components, not for overhaul. These units have reached the end of their useful life and must be replaced.

These are sophisticated devices that, in addition to electrocardiography and defibrillation functions, provide transcutaneous cardiac pacing, and perform pulse oximetry saturation (SpO₂), end tidal carbon dioxide (EtO₂), and non-invasive blood pressure measurement. Given the time-critical, stressful, and often adverse environment in which they are used, it is very important that personnel be intimately familiar with their operation. For this reason, it is considered very sound practice to minimize, to the extent practical, the variability in the units used in the field by standardizing on make and model. These machines are available only through the manufacturer and thus, the sole source price quotation.