

**Memorandum  
Fire Department**



**To: Thomas Thomas**  
**Subject: Replacement of HVAC System at Fire Station 3**  
**Date: March 27<sup>th</sup>, 2015**

In late January, the Fire Department began to experience issues with the furnace units at Station 3. Repair technicians have been there on two occasions to attempt to resolve the issue, however, they are unable to obtain replacement parts from their wholesalers due to the manufacturer no longer supporting those furnaces. The furnaces are working intermittently, and personnel have been relying on space heaters during the colder nights in February and March. The HVAC system at Station 3 is a Lennox system that is original to the building when constructed in 1988, and needs replaced. The A/C units are also original equipment from 1988, and utilize refrigerant that no longer conforms to EPA standards.

It is recommended that the A/C units be replaced with the furnace units. Having the furnaces matched with the A/C units will create the most efficiency, thus reducing operating costs over the life of the new systems (estimated to be \$10-\$50 lower per month operating cost). In addition, the City will be able to take full advantage of the generous rebates being offered by MidAmerican Energy.

Fire Department staff contacted four (4) vendors directly to receive bids on replacing the HVAC Systems. The vendors provided bids for systems with 95%/95.5% efficient furnaces and 2.5 ton A/C units, as well as bids for systems with 96% efficient furnaces and 2.5 ton A/C units. After consulting with the City Manager, it is recommended that the bids presented for the 95% efficient systems be considered. This system will be more than adequate to meet the station's needs, and will be of lower cost.

The bids submitted were as follows:

|                  |             |
|------------------|-------------|
| TMI              | \$10,156.00 |
| Crawford Company | \$11,275.00 |
| Kale             | \$11,668.00 |
| Doug's Heating   | \$15,668.18 |

Once the work is completed, the vendor will submit an application for a rebate from MidAmerican Energy that will be reimbursed to the City, thus reducing the net cost. Estimated rebates from the vendors range from \$4,125 to \$5,650.

This failure of the system was unanticipated, so funds were not allocated in the CY15 budget. Therefore, the up-front cost will be covered with the following budget transfer:

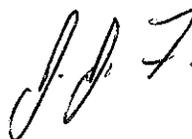
**From:** 101-451291-56502-275823 Architectural Services for Central Station HVAC - Gaming  
**To:** 101-451293-53801-000000 Buildings and Grounds S/C

Submitted by: James J. Fobert, Fire Chief  
Jeffrey C. Yerkey, Assistant Fire Chief 

Approved by: Thomas Thomas, City Manager

**Recommendation:** Fire Department staff recommends that City Council approve the bid of \$10,156.00 submitted by TMI for the installation of a new HVAC system at Fire Station 3, and authorize the City Manager to execute the contract documents.

Submitted by: James J. Fobert, Fire Chief  
Jeffrey C. Yerkey, Assistant Fire Chief

Handwritten signature of Jeffrey C. Yerkey, Assistant Fire Chief.

Approved by: Thomas Thomas, City Manager