



City Commission Agenda Item

Meeting Date: 05/06/25

From: Randy Frazer, City Manager

Item: Approval of Emergency Purchase – Engine 51 Pump and Gearbox Replacement

Motion: A Resolution authorizing the City of Arkansas City to purchase a new fire pump and gearbox for Engine 51 from Conrad Fire Equipment in the amount of \$69,337.05, due to catastrophic mechanical failure.
(Voice Vote)

Background: Engine 51, a front-line apparatus in the City's Fire/EMS fleet, recently experienced a critical failure when it lost all fluid in the gearbox feeding the fire pump. This resulted in catastrophic damage to both the gearbox and the pump. The extent of the internal damage was not fully realized until Conrad Fire Equipment provided images showing significant mechanical failure.

Initially, the plan was to install a refurbished pump, under the assumption that Conrad Fire had a compatible core available. The cost quoted for the refurbished unit was \$43,820.66, with a turnaround time of up to 3 months. However, it was later confirmed that the existing pump would need to be removed from Engine 51, shipped out, and refurbished, and introducing significant risk, as the damage to the pump casing is currently unknown. If the casing is unrepairable, the City would still be liable for removal and shipping costs with no guarantee of a successful rebuild.

To mitigate operational risk and ensure equipment readiness, staff recommends purchasing a new pump and gearbox for \$69,337.05. Conrad Fire has five new pump assemblies in stock, allowing for a much faster installation and return to service.

Currently, the Fire/EMS Department is relying on a single engine for all Rescue and Fire response calls. This creates a serious service gap should simultaneous calls occur, such as a vehicle accident and structure fire. The department's aerial platform is not equipped to act as a primary engine for fire suppression, further emphasizing the need for an immediate solution.

Prompt approval and procurement will restore full fire suppression capability and improve emergency response coverage within the community.

Commission Options:

1. Approve the Resolution
2. Disapprove of the Resolution
3. Table the Resolution for further discussion

Fiscal Impact: Amount: \$69,337.05

Fund: **01- General** Department: **310 – Fire/EMS** Expense Code: **7202 - (Motor Vehicle Repair/Parts)**

☒ Included in budget

☐ Grant

☐ Bonds

☐ Other Not Budgeted

Attachments:

Approved for Agenda by:

Randy Frazer, City Manager

