

To: Greg Mandsager, City Administrator  
Cinda Hilger Administrative Secretary  
Gerald Ewers, Fire Chief

From: Ted Hillard, EMS Battalion Chief

Date: July 25, 2018

Subject: City Council Agenda Item – Aeroclave Decontamination System

**Introduction:**

Request to purchase a new Aeroclave RDS 3110 portable, no touch decontamination system as part of the 2018/2019 City of Muscatine budget. City Council approved \$15,600.00 for the purchase of the decontamination system.

**Background:**

On average the Muscatine Fire Department has to decontaminate the ambulances between calls and completely detail all (5) five of them every Sunday to ensure a sterile/sanitary environment for patients. This time frame can range from 30-60 minutes of down time, depending on the number of personnel available to decontaminate and disinfect the vehicle. The Aeroclave allows a fogging decontamination time of 6 minutes with a 10 minute rest period before use. This allows employees to set the machine and tend to other tasks while the machine will decontaminate the ambulance for next use. The Aeroclave allows the decontamination into areas the employee and other cleaning methods are unable to reach by fogging the entire ambulance, including the driving compartment. This allows for a more complete cleaning of the emergency transportation vehicle prior to attending to other patients who can have a lowered immune system and protects them from further health issues. This RDS 3110 machine can also be utilized to clean offices, meeting rooms, and sleeping areas during the cold and flu seasons, when the exchange of viruses is exchanged and lower the transfer of illness between employees.

**Recommendation/Rationale:**

Request authorization to issue a purchase order in the amount of \$15,598.00 to Aeroclave for an RDS 3110 decontamination system. The budgeted amount for this purchase is \$15,600.00.

**Attachments:**