



## CITY OF MARSHALL AGENDA ITEM REPORT

<b>Meeting Date:</b>	Tuesday, September 27, 2022
<b>Category:</b>	NEW BUSINESS
<b>Type:</b>	ACTION
<b>Subject:</b>	Fire Department Purchase of Two (2) Grass Rig Skid Units
<b>Background Information:</b>	<p>The Marshall fire dept. has 2 grass/brush trucks that currently have Heiman skid units in the back of them, that hold 300 gallons of water, have a gas small engine pump, and 1" rubber hose on a mechanical reel, to extinguish grass, brush, and small trash fires. The current units that we have also have a foam manifold for incorporating a small concentrate of foam into the line if necessary. The current units that we have are at the end of their lives and are being held together by radiator hoses and hose clamps and it's time to replace. The age of the current units is unknown and were here since before I started here nearly 20 years ago. We have spec'd these units out with Heiman Fire Equipment and Alex Air Apparatus. Heiman builds their skid units in house and Alex Air Apparatus subcontracts to a 3<sup>rd</sup> party to build. It's difficult to spec these to make it easy to bid, because both manufacturers build custom to what our needs are. However, the bid from Alex Air Apparatus is very limited on their customization, where Heiman Fire Apparatus will build to fit our pickup box, to maximize water capacity and to still carry the appropriate tools that is necessary for our different types of responses. Since Heiman Fire Equipment builds these in house, we can also spec the unit to have 2 water fill intakes (each side of the pickup), a fill gauge, turn the hose reel to be perpendicular to the truck with dual electric hose reel switches (each side of the truck) and include an LED light kit, where the unit from Alex Air Apparatus does not offer these options. You'll note that the bid from Alex Air Apparatus is cheaper by \$1,615.00 but I don't believe it's the same value as the Heiman unit, because of the customization. Heiman's Honda engine has 4 HP more vs. the 20 HP Kohler engine. The tank from Heiman will be slightly larger, with more water capacity (capacity unknown as it needs to be engineered and calculated), than from Alex Air, because they build in house and will build to fit our truck boxes, will have an LED water level gauge, an LED work light, dual water fill intakes (one on each side of the truck), dual electric hose rewind (both sides of the truck). Alex Air was unable to provide these as options. We did NOT spec these units with a foam manifold, like we have now, because we didn't use it enough to warrant the added cost. Please note on the Heiman bid that they've also included a nozzle. This will not be part of this purchase, as we'll purchase those through the general fund levy.</p>
<b>Fiscal Impact:</b>	This purchase was included on the 2022 CIP plan for an amount not to exceed \$34,000. The total cost for 2 skid units from Heiman Fire Equipment is \$32,850.00
<b>Alternative/ Variations:</b>	Nothing
<b>Recommendations:</b>	Purchase 2 – Thunderstorm slide in skid units from Heiman Fire Equipment for \$32,850.00