

Randy and Blake,

RE: Replacement Tanks FY 19-20

I will be turning in a requisition for replacement water tanks shortly and wanted to give you a little background.

\*\*\*Replacement 4000 gal. Stainless Steel Water Tanks. - UWT1604 and UWT1606 are currently equipped with 4000 gal. steel water tanks. These trucks are being used as front-line vehicles, hauling clean water to jobsites. When the vehicles were built and fabricated, Road and Bridge was approached by Emergency Management about rigging these trucks as tankers to assist with major fires within the County. We can dump into portable pools for fire trucks to pump out of. In the past year, we have seen the tanks suffer from corrosion on the inside, resulting in chunks of rust and debris clogging the gravity flow system. This then contaminates the pools used to fill fire vehicles, potentially damaging the pumps and apparatuses of those vehicles. The stainless tanks are designed to be mounted on a commercial truck chassis. As the current truck chassis will meet life cycle/maintenance cycle in the future, the tanks can be removed and reinstalled on a new chassis, reducing the cost of replacement.

We went back to our original vendor, Niece Equipment, for the final quotes and budget request for several reasons.

This vendor has the plans and specifications on our current tanks on file, reducing the need to re-plumb the vehicle for the existing valves and gravity bars. The downtime of each frontline unit will be reduced because the installation will be at Niece Equipment in Buda Texas. The 2<sup>nd</sup> vendor is located in Texarkana, Texas. Using Niece Equipment would reduce the need for lengthy travel for 2 employees on 3 trips. The 2<sup>nd</sup> Vendor will have to replumb and re-spec both units to fit the new tanks.

Attached are pictures of the tanks to be replaced.

Thank You for Your consideration,

Ron Roberts

Williamson County Road and Bridge

Sr. Foreman



