



## MEMORANDUM

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P.O. Box 4100 ♦ FRISCO, COLORADO 80443

**TO: MAYOR AND TOWN COUNCIL**  
**FROM: ADDISON CANINO, ASSISTANT PUBLIC WORKS DIRECTOR**  
**RE: RES 22-21: PUBLIC WORKS FUEL SYSTEM**  
**DATE: MAY 10, 2022**

### **Summary and Background:**

The current fuel system at the Town of Frisco's Maintenance Facility has been in constant operation for the past thirty years. Throughout its lifespan there have been several repairs and upgrades to its tanks and monitoring capabilities, but the time has come to consider a complete system upgrade and overhaul. The system itself is composed of: three underground storage tanks (two diesel and one unleaded), two fuel product dispensers with three hoses/nozzles, a fuel key reader with keypad, and monitoring equipment in the maintenance facility itself. The monitoring equipment tracks fuel usage and alerts staff to any leaks, water infiltration, or other emergencies. The three tanks themselves are no longer the standard for underground tanks, being single walled (an outdated form of tank design/construction), and it would be best for the Town to remove them from service before they become unserviceable and unusable.

The monitoring equipment is now at a point where it cannot be upgraded anymore. The fuel system service company cannot even get parts for it as it is obsolete. In addition to that, the monitoring software is no longer supported in any way, shape or form. Eventually this will put the Town in a position where new technology is trying to be paired together with extremely dated technology, and there will be point where the system will not be able to operate normally. Taking those two major items into account led Town staff to start doing research on what technology is available for current fuel systems, in addition to researching above ground fuel storage tanks that can get the Town away from a possible environmental impact if there were ever storage tank damage or failure.

### **Analysis:**

Throughout the monthly, annual, and biannual inspections of the underground storage tanks, it has been noted that the tanks are nearing the end of their serviceable lifespan. Outside of the necessary cleanings and replacement of sacrificial anodes, there is not much else that can be done at this point in time to keep the storage tanks operating effectively for the next two to five years. Facing the outcome of having a fuel system that will eventually be un-serviceable, Public Works staff decided to go out to RFP for design-build services for a complete overhaul of the fuel system.

Based on the proposals that were received in the RFP process, staff will be recommending that the Town go into contract with Kubat Service and Equipment Company. Kubat is the same

company that was awarded the contract for the fuel system at the Frisco Bay Marina, and they have done exceedingly well on that project. Rebuilding this fuel system from the ground up will better eliminate inefficiencies of the current fuel system, and will provide a much more environmentally friend and sustainable option for the foreseeable future. The new fuel system would give the Town: an above ground, double wall, tank with baffles to separate fuel products (diesel, 91 octane, 85 octane), better containment on the fuel pad, upgraded dispensers, upgraded fuel key reader, and current monitoring technology. A major component for this new fuel system being sustainable will be to utilize new monitoring software that will help the Fleet Division better track all aspects of the fuel system. It will also give the Town the opportunity to easily add on features that are essentially “plug and play”, that can better track exactly how much fuel each vehicle uses in addition to a plethora of other data that is much needed to ensure that all the vehicles in the fleet are being as fuel efficient as possible and serviced on time.

**Financial Impact:**

The contract being presented to Frisco Town Council has a financial impact of three hundred and eighty-nine thousand five hundred and twenty-five dollars and seventy-nine cents (\$389,525.79). The 2022 Capital Improvement Fund has this project budgeted for \$450,000.

**Alignment with Strategic Plan:**

A fuel system upgrade/overhaul at the Frisco Maintenance Facility aligns with Quality Core Services. For the foreseeable future, there will be a need for fuel at Public Works as the technology for electrical heavy equipment is quite a way off, and there will always be the need to provide a high level of service to the visitors and residents of Frisco.

**Environmental Sustainability:**

Removing the underground storage tanks will nearly eliminate any possible environmental impacts due to tank failure, and going to an above ground, double wall, baffled tank can shrink the footprint of tank itself and add in another layer of protection for our environment. The monitoring and software upgrades presented will allow the Town to better track its fuel usage, and keep the fleet operating in the most fuel efficient manner possible.

**Staff Recommendation:**

It is the recommendation of staff that the Frisco Town Council approves RES 22-21: Public Works Fuel System and enter into contract with Kubat Service and Equipment Company.

**Reviews and Approvals:**

Jeff Goble, Public Works Director  
Leslie Edwards, Finance Director  
Diane McBride, Interim Town Manager

**Attachments:**

Exhibit A – Frisco Maintenance Facility Fuel System RFP  
Exhibit B – Kubat Service and Equipment Company Proposal  
Exhibit C – Town of Frisco Construction Agreement