



MEMORANDUM

To: Mayor and City Council

From: Lloyd Mauch, Park Operations Manager
Via: Brad Reid, Director of Parks and Recreation

Date: August 25, 2020

Reference: Consider approval of a bid and issue a purchase order to acquire a 2021 Freightliner M2-106 SRA 2,000-gallon water tank truck for Parks Operations in the amount of \$116,717.26 from Houston Freightliner contract pricing through HGAC Contract No. HT06-18, as budgeted, and authorizing the City Manager to sign any necessary documents.

2030: Sustainable City Government: Excellent and Well-Maintained City Infrastructure and Facilities

General Information:

- Specialized equipment to safely water roadside and non-irrigated plant material.
- Funding is included in the FY 2019-20 budget.
- Contract pricing obtained through HGAC cooperative purchasing program.
- HGAC Contract No. HT06-18.

Introduction:

Parks Operations and Fleet Services worked closely together to select a water delivery unit that could reduce downtime, improve efficiency and provide a safe system for watering roadside and other park, median and building landscapes. Currently, staff utilizes a 300-gallon water tank mounted on a pull behind trailer to apply supplemental water to plants based on the individual plant watering needs. This unit must be attached to a transport vehicle and requires frequent trips to refill due to low capacity and it cannot be used for high-volume high-pressure turf grass spray watering. This request is for the purchase of a 2000-gallon self-contained water truck with multiple spray nozzle options, cameras, safety lights and attached safety directional arrow-board. This water truck will provide a safe, efficient and effective way to sustain the various City landscapes that require supplemental watering practices, helping to get them through periods of drought.

Analysis:

The City has invested a great deal in the creation of beautiful and diverse landscapes throughout our system. Not all trees have bubbler systems nor are they sufficiently watered with pop up irrigation heads during drought conditions. The ability to supplemental water based on individual plant needs is key to sustaining our beautiful landscapes. Having a 2000-gallon water tank versus a 300-galllon trailer mounted water tank will allow us to be extremely efficient. Multiple spray nozzles give us the flexibility we need to establish new sod in locations such as the new High School connector trail. In addition, it is the intent to work with the Public Works Department when required fire hydrant flushings are necessary around town to capture some of that water in the 2000-gallon tank and re-purpose it on our landscapes. Consequences of not funding this purchase include the inability to be more efficient and effective in our supplemental watering practices, increased operating costs and reduced service levels to our community. Additionally, Fleet Services and the department's safety representative recommend a safer traffic control system for employees to deliver supplemental water while on roadways.

Legal Review:

Agenda item did not require legal review

Fiscal Impact:

The fiscal impact is \$116,717.26

Recommendation:

The Parks and Recreation Department recommends approval of this item.