



## Legislation Text

**File #:** 15-0150, **Version:** 1

Consider and take action on the approval of repairs for three (3) submersible wastewater lift pumps by Hahn Equipment Co., in the amount \$59,517.24 (Deputy City Manager)

Approval of this item will allow the prompt repair and return to service of multiple lift pumps at the Dallas Salmon WWTP, State Hwy 3 Lift Station and the Woodcock Lift Station. These repairs will provide full capacity and redundancy to ensure regulatory compliance.

The Wastewater Department experienced an abnormally high rate of pump failures in a 45-day period beginning in December 2014. These are typical failures seen in the harsh duty environment of conveying wastewater. Repair summaries are as follows:

<b>Dallas</b>	<b>Salmon</b>	<b>WWTP</b>	<b>-</b>	<b>185</b>	<b>hp</b>	<b>Flygt</b>	<b>Submersible</b>
\$40,950.49							

In service since 1997 with one major rebuild in 2007. Needs replacement of the rotor and shaft with damage beyond allowable tolerances for reconditioning. The impeller is beyond allowable tolerances for reconditioning as well as the bearings, seals and all miscellaneous items.

<b>State Highway 3 Lift Station</b>	<b>-</b>	<b>7.5</b>	<b>hp</b>	<b>Flygt</b>	<b>Submersible</b>	<b>\$</b>
6,654.75						

In service since 2003 with no service history of repairs. Needs replacement of Stator and Volute due to wear beyond allowable tolerances for reconditioning. Needs reconditioning of the impeller and replacement of the guide bracket, bearing and seals.

<b>Woodcock</b>	<b>Lift</b>	<b>Station</b>	<b>-</b>	<b>15</b>	<b>hp</b>	<b>Flygt</b>	<b>Submersible</b>
\$11,912.00							

In service since 1999 with no service history of repairs. Needs reconditioning of the stator and rotor. Replacement of the impeller due to wear beyond allowable tolerances for reconditioning as well as replacement of all bearings, seals and miscellaneous items.

**Total**  
**\$59,517.24**

Further detail is included in the attached repair quotes and memorandum, documenting staff's visit to the Hahn repair facility to witness and discuss their evaluation of the three subject pumps. Pictures are included for visual reference. Flygt submersible lift pumps are the industry standard in municipal wastewater collection systems and make up approximately 85 percent of the City's 170+ submersible lift station pumps. Hahn Equipment Co. is the only authorized sales and service representative for the Southeast Texas area and is considered a sole source provider. Hahn has an excellent service history with the City in regards to quality of work, scheduling and pricing.

**Attachments:**

- 1) Data Sheet
- 2) Repair Quotes
- 3) Memorandum
- 4) Letter- Authorized Sales and Service Representative

**CONTRACT ORIGINATION:** Public Works Directorate

FUNDING

☐ NOT APPLICABLE

☒ Funds are available in the amount of \$59,517.24 from line item 020-3221-694-5240

☐ Requires Budget Amendment to transfer from Account # \_\_\_\_\_ to Account # \_\_\_\_\_