



Text File

File Number: 16-1276

Agenda Date: 9/27/2016

Version: 1

Status: Consent Agenda

In Control: Public Works

File Type: Agenda Item

Agenda Number: 10I.

Title

Consider and take action on a resolution to ratify various expenditures made to Alvin Contracting, including the emergency relocation and installation of an aeration blower to the Southwest Water Reclamation Facility (SWWRF) for a total amount of \$66,196 (Deputy City Manager)

..Background:

Approval of this resolution, will ratify the City's use of Alvin Contracting for the emergency relocation of an aeration blower from the Dallas Salmon WWTP (DSWWTP) to the SWWRF, due to multiple blower failures and the associated loss of acceptable redundancy to ensure regulatory compliant treatment. The provider was selected based on their proven history of quick response, quality workmanship, and fair pricing. Alvin Contracting's services were utilized on multiple activities in FY 2016 (expenditure detail memo attached), totaling \$48,105. The relocation, in the amount of \$18,088, will exceed the fiscal year expenditure limit of \$50,000 (\$66,193), and will require Council ratification.

According to Texas Local Government Code 252.022 the procurement of this service was considered an emergency procurement and exempts the City from competitive bidding due to the potential for adverse impact to public health and safety. Aeration is the single most important element of wastewater treatment as it provides the dissolved oxygen and mixing energy needed to support the microorganism population required for complete biological treatment. The loss of aeration capacity would degrade treatment levels to a non-compliant state within hours after blower failure. This action was implemented after losing a second blower to potential bearing failure, leaving one blower in operation with no redundant back up.

The City is currently working with the blower manufacturer and design team to investigate the failure of air-bearing technology utilized on the two (of three) failed machines. The installation of the relocated blower provides the proper level of redundant aeration, as we work towards resolution of the current bearing issues upon original equipment.

This unforeseen activity has exhausted the FY 2016 adopted budget for the equipment repair and maintenance account. The budget will be increased as part of the fourth quarter budget amendment with savings from other utility department's budgets.

Attachments:

Data Sheet
Proposed Resolution
Quote dated September 2, 2016
Expenditure Detail Memo

FUNDING

{ } NOT APPLICABLE

Requires Budget Amendment to transfer from Water Production (Sungard department 020-3121-693; Tyler department 10207300) to Wastewater Equipment Repair & Maintenance

gard account 020-3221-694-5240; Tyler account 10207500-52400)

{ } Requires Budget Amendment to transfer from Account # _____ to Account # _____