

**RESOLUTION 18-64**

**A RESOLUTION AUTHORIZING SOLE SOURCE PURCHASE OF BACKUP PARTS  
FOR A KAESER BACKWASH FILTER BLOWER LOCATED AT THE CITY'S  
WASTEWATER TREATMENT PLANT**

**WHEREAS**, the City of Spring Hill wastewater treatment plant utilizes a Kaeser Backwash Blower for the filter press unit; and

**WHEREAS**, City staff recommends purchasing Kaeser backup parts to install in the existing blower for redundancy should an emergency occur and the existing unit fail to operate; and

**WHEREAS**, the purchase of other types of blowers and ventilation fans will create undue hardships in the efficiency, reliability, and redundancy of the blower unit; and

**WHEREAS**, the City of Spring Budget and Finance Committee has reviewed the sole source purchase and finds that purchasing the ventilation fan and blower unit from Kaeser ensures the most optimal and efficient operation of the city's wastewater treatment plant.

**NOW, THEREFORE BE IT RESOLVED**, that the City of Spring Hill Board of Mayor and Aldermen, authorize this resolution to sole source purchase of a Kaeser ventilation fan and blower unit in the amount of Sixteen Thousand Four Hundred Thirty-Six Dollars and Ninety-Four Cents (\$16,436.94) utilizing monies from the wastewater treatment plant capital budget.

**Passed and Adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee on the 21<sup>st</sup> day of May 2018.**

  
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Rick Graham, Mayor

ATTEST:

  
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April Goad, City Recorder

LEGAL FORM APPROVED:

  
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Patrick Carter, City Attorney

May 7, 2018

MEMO TO: Victor Lay, City Administrator

FROM: Philip Stuckert, P.E. Infrastructure Director  
Travis Massey, Wastewater Treatment Plant Superintendent.

SUBJECT: Sole source purchase of spare parts for a backwash blower unit from Kaeser for use at the wastewater treatment plant effluent sand filter unit process.

Recommendation: That the Board of Mayor and Aldermen adopt a resolution authorizing sole source purchase of a blower unit and ventilation fan for the existing Kaeser filter system backwash blower, in the amount of \$16,436.94.

Summary:

In February 2018, the City rejected bids associated with purchasing a new Kaeser blower unit for the wastewater treatment plant filter system. Monies to fund the backup blower unit was from budgeted capital funds in the wastewater treatment plant.

The existing Kaeser blower blows air to the bottom of the filter beds where it rises to top of the filter and cleans out the filter media accumulated during filtering operations. In lieu of purchasing and installing a new backup blower, the city now desires to purchase parts of the blower which might fail and stock them on hand should the existing four-year old unit fail. The existing unit does not run all of the time and should it go down, city staff has time to make repairs if the material is stocked at the plant.

Staff recommends purchasing the ventilation fan and Omega 63P GRD Bare Blower for the existing Kaeser Blower unit.

The Budget and Finance Committee reviewed this request and resolution on May 7, 2018.

Staff recommends that the Board of Mayor and Aldermen adopt a resolution authorizing the sole source purchase of the ventilation fan and Kaeser Omega 63P GRD Bare Blower, in the amount of \$16,436.94.

A resolution is prepared for the Board's consideration.

1/24/18  
8:45 2:45

**Travis Massey**

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**From:** John Harward <johnharward@mindspring.com>  
**Sent:** Thursday, February 08, 2018 9:53 AM  
**To:** Travis Massey  
**Subject:** Kaeser Filter Backwash Blower Parts

Travis,

As requested since your bids for the new blower were over your budget the following is Kaeser list of recommended spares and delivery times on your existing model FB620C blower. Primary spares are items you use for normal upkeep and secondary for items you would need should you have a failure on other items. As you can see all items are stocked in Virginia and can be shipped overnight except for the Check Valve Overhaul kit which takes 3-4 weeks to get.

**Primary Spares**

- Inlet Filter (893849.0): \$73.00 each
  - Delivery: In stock in Fredericksburg, VA ← Have
- Blower Oil (ANSB-220): \$33.00 each
  - Delivery: In stock in Fredericksburg, VA ← Have
- Drive Belts: (895023.0): \$384.09 each
  - Delivery: In stock in Fredericksburg, VA ← Have
- Motor Grease: (6.3234.0): \$36.18 each
  - Delivery: In stock in Fredericksburg, VA ← Have

**Secondary Spares:**

- Check Valve Overhaul Kit (401942.0): \$1,709.00 each ← Already have
  - Delivery: 3-4 weeks
- Blower Drive Shaft Seal (401975.0): \$380.00 each
  - Delivery: In stock in Fredericksburg, VA
- Ventilation Fan (894626.00020): \$1,751.94 each ← want to purchase
  - Delivery: In stock in Fredericksburg, VA
- Flex Connector (895253E0): \$747.66 each
  - Delivery: In stock in Fredericksburg, VA
- Omega 63P – GRD Bare Blower (881338.14108): \$14,385.00 each ← want to purchase
  - Delivery: In stock in Fredericksburg, VA

Let me know if you have any questions or if you need any more info.

Take Care,  
**John Harward**  
Principle Environmental  
Cell: 423-402-0588  
johnharward@mindspring.com