

**RESOLUTION 20-114**

**A RESOLUTION TO AUTHORIZE THE REPAIR OF RAW WATER  
INTAKE PUMP #2**

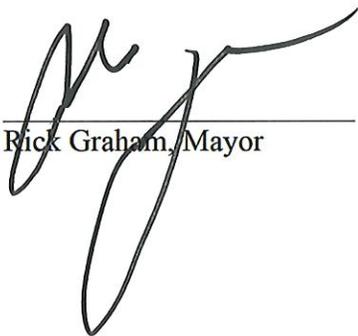
**WHEREAS**, the City of Spring Hill needs to repair the bowl assembly, shaft and bearings on the #2 raw water pump, due to pump failure; and

**WHEREAS**, the pump is a vital part of the Spring Hill water system and must be repaired in order to meet demands; and

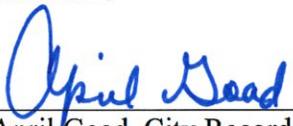
**WHEREAS**, the City of Spring Hill, Board of Mayor and Alderman have allocated funds in machinery repair budget line item.

**NOW, THEREFORE, BE IT RESOLVED**, that the City of Spring Hill Board of Mayor and Aldermen authorizes the repair of the pump assembly from Wascon Sales and Service in an amount not to exceed \$14,473.28.

**Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee, on the 17th day of August 2020.**

  
\_\_\_\_\_  
Rick Graham, Mayor

ATTEST:

  
\_\_\_\_\_  
April Goad, City Recorder

LEGAL FORM APPROVED:

  
\_\_\_\_\_  
Patrick Carter, City Attorney

**SUBJECT:** Resolution for the repair of Raw Water Pump 2 for the Water Treatment Plant

**DATE:** August 1, 2020

**ATTENTION:** Board of Mayor and Aldermen

**STAFF:** Jeremy Vanderford, Water Treatment Plant Superintendent



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**STAFF MEMORANDUM**

**Background:**

The City of Spring Hill has three raw water intake pumps. During peak demands we run two pumps simultaneously to meet demands. On July 20, 2020 pump number 2 went down. We are currently running pumps 1 and 3 with no backup. If we were to have any problems with pump 1 or 3, this reduces our production capacity by 865,000 gpd which will not meet daily demands. This is a time sensitive repair and we would highly recommend a quick turnaround.

After pulling the pump and inspecting we found that it has suffered a broken shaft, damaged bearings and damage to the bowl assembly. Wascon Sales and Service has provided a quote of \$14,473.28.

This is a budgeted expense in the FY2021 budget from line item **410-52110-262**.

**Staff Recommendation:**

Staff recommends approval of the request.

July 28,2020

Water Treatment Plant  
4151 Kedron Road  
Spring Hill, TN 37174  
Attn: Jeremy Vanderford

**REF: Raw Water Turbine Pump #2 Repair**

WASCON is pleased to offer this proposal for you on the above reference project. Please review the proposal and specifics below to include the following:

- Lot of Shop Labor to repair the existing Turbine Pump as follows:
  - Tour down, clean, and inspect turbine pump
  - Fabricate & install new brass bearings and wear rings through out pump bowl assembly and packing box as needed to repair.
  - Install new SST pump shaft in bowl assembly
  - Reassemble & paint pump bowl assembly
  
- Lot of Materials listed below to perform the repairs as follows:
  - (1) SST Pump Shaft
  - (7) SST Line Shafts
  - (5) Spider Bearings
  - (9) SST Shaft Couplings
  - (1) Misc. Brass Materials to fabricate bearings as listed above
  - (1) Food Grade Epoxy Paint

**PRICE: \$ 14,473.28**

Notes:

1. The Price listed above is for Shop Labor & Materials only.
2. Mileage and Labor for the removal of pump #2 and re-installment of the repaired pump is not included in this price.
3. WASCON Standard Terms and Conditions Apply.
4. Pricing is valid for 60 days from date above.
5. Freight and any applicable taxes are not included.

WASCON looks forward to working with you on this proposal. If you have any questions regarding this proposal, please feel free to contact us at any time!

Thanks,  
Scott Underwood