

RESOLUTION 16-20

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

WHEREAS, the City of Spring Hill has to replace the bowl assembly (pump) 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

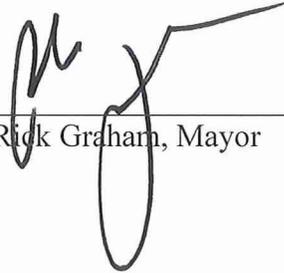
WHEREAS, the City Staff has exhausted all options for replacement under warranty, without success; and

WHEREAS, after inspection, only two of the line shafts are acceptable for reuse; and

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

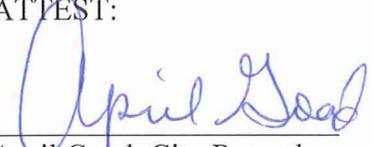
NOW, THEREFORE, BE IT RESOLVED, that the City of Spring Hill Board of Mayor and Aldermen authorizes the purchase of a bowl assembly from Wascon Sales and Service in an amount not to exceed \$24,759.00, as discussed by the Board of Mayor and Alderman on February 1, 2016.

Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee, on the 16th day of February 2016.



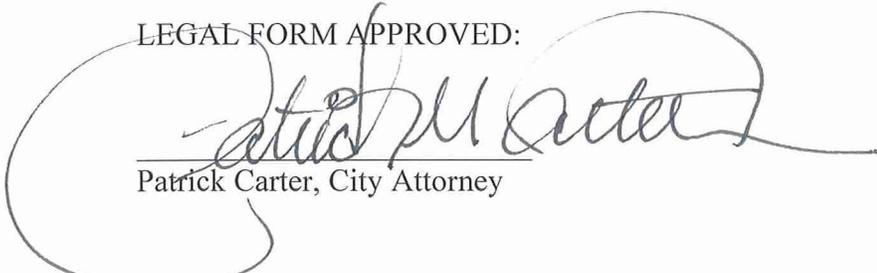
Rick Graham, Mayor

ATTEST:



April Goad, City Recorder

LEGAL FORM APPROVED:



Patrick Carter, City Attorney



REQUEST: *Approval of Resolution 16-20*

SUBMITTED BY: Victor Lay, City Administrator
Caryl A. Giles, Water Plant, Superintendent

DATE: February 12, 2016

RE: Replace Bowl Assembly on Raw Water Pump #2

ATTACHMENTS: Quotes, Timeline

PURPOSE:

Replacement of American-Marsh pump that failed after two months of operation. Staff believes we operated this pump in a manner that none of the damage was caused from our operating procedures.

BACKGROUND:

Staff has contacted all parties involved. The installer has agreed to provide the labor for installation. Confidence in this installer after a series of events has declined. We cannot get the American-Marsh pump manufacture to fully warranty the bowl assembly. Columns, shafts, bearings, sleeves and spiders will need to be checked and adjusted; motor appears to be in good working order. Attached are the quotes received and a timeline of events. Staff's recommendation is to purchase the Peerless pump, (same as the #1 pump) from Wascon Sales and Service and allow Cumberland Machine to install provided they follow specific manufactures recommended procedures.

FINANCIAL IMPACT:

The cost to replace the recommended bowl assemble is \$16,640.00, Cost to prepare line shafts, spiders, packing box, \$3,214.00, Adapter \$3,430.00, Labor to prepare shafts and one installation technician, \$1,475.00. A total cost not to exceed \$24,759.00.

STAFF RECOMMENDATION:

Favorable Recommendation

ACTION REQUIRED (INCLUDE DEADLINE /PRIORITY):

Bowl assembly lead time is approximately four (4) weeks. In order for us to have this pump operational for summer demands it will need to be on order during the month of March.



February 11, 2016

Estimate No. 5081

City of Spring Hill, TN
4151 Kedron Road
PO Box 789
Spring Hill, Tennessee 37174

ATTN: Caryl A. Giles, Superintendent

REF: Replacement of Raw Water Intake Bowl Assembly Only

WASCON is pleased to offer the following proposal for replacing the existing bowl assembly with the following:

- Peerless 14MD, 4 Stage Bowl Assembly as shown on the attached cut sheets and including the following:
- Wear Rings – Aluminum/Bronze material
- Strainer Basket – 316 SS
- Labor to prepare new Peerless bowl assembly for installation by others including witnessing of installation and start-up;

Price for Peerless Bowl Assembly Described above – \$16,640

Price for Adapter required to attach Peerless Pump to existing Column Pipe – \$3,430

Price for required shafting materials (New Line Shafts, Rubber Pop in Spiders and packing box) - \$3,214

Price for Labor to Prepare Bowl Assembly for installation by others including start-up after installation – \$1,475

Total Price - \$24,759

Lead Time for materials quoted above approximately 4 weeks.

NOTES:

1. WASCON Standard Terms and Conditions Apply.
2. Pricing is valid for 60 days from date above.
3. Any applicable taxes are not included.
4. Labor for installation (not described above) is 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! Thank you for the opportunity!

Sincerely,

David K. Pine, P.E.