

RESOLUTION 24-190

**A RESOLUTION TO AUTHORIZE EMERGENCY REPAIRS TO THE
RAW WATER INTAKE DRIVE NO. 2**

WHEREAS, the raw water intake Drive no. 2 has mechanically failed; and

WHEREAS, the drive is a critical component to the City of Spring Hill source water delivery system for production of potable water to the community; and

WHEREAS, the purchasing manual of the City of Spring Hill allows for emergency purchases under section "X."; and

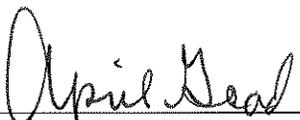
WHEREAS, the City Staff met all requirements and utilized the provision in the City's Purchasing Manual to proceed with emergency repairs for the following amounts to be added to the Water Plant FY 2025 budget through budget amendment no.1 utilizing depreciation expense utilizing John Bouchard & Sons Co. for the purchase, installation, factory setup and warranty to replace Drive No. 2 at a total cost of \$78,150.00

NOW, THEREFORE, BE IT RESOLVED, that the City of Spring Hill Board of Mayor and Aldermen authorize emergency repairs and corresponding associated expenses described herein to repair the Raw Water Intake Drive No. 2.

Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee, on the 5th day of August, 2024.


Jim Hagaman, Mayor

ATTEST:


April Goad, City Recorder

LEGAL FORM APPROVED.


Patrick Carter, City Attorney



REQUEST: *Approval of Resolution 24-190*
SUBMITTED BY: Jessica Weaver, Utility Director
DATE: August 5th, 2024
RE: To approve the resolution to build the 2-million-gallon
 Southside water storage tank

ATTACHMENTS:

PURPOSE:

To approve Resolution 24-191 to approve the demolition of the 0.34-million-gallon water storage tank and construct the 2.0-million-gallon Southside Water Storage Tank

BACKGROUND:

The City of Spring Hill needs additional water storage capacity. The original water storage tank capacity for the South side of the city was 0.34-million-gallons. Consulting Engineer Ryan Chamblee and City Staff recommend increasing the total storage capacity to 2 million gallons to provide for current residents on the south side of the City. The project estimated duration extends across two budget years with an anticipated completion date of 2026. This is a much-needed project to provide for our existing community needs.

FINANCIAL IMPACT:

This will be funded from FY25 budgeted funds at a total cost of \$ \$2,674,269.00 and FY 26 budgeted funds in the amount of \$4,400,095.00 with \$643,124.00 being allocated for contingency.

STAFF RECOMMENDATION:

Staff recommends approval of Resolution 24-191 to approve the demolition project for a total cost of \$42,000.00 and the construction project for a total cost of \$6,389,240.00 for total project cost of \$6,431,240.00 and the establishment of a project contingency for said project in the amount of ten percent (10%) for a total appropriation cost of \$7,074,364.00 and authorize the Mayor to sign the agreement attached hereto.



REQUEST: *Approval of Resolution 24-190*

SUBMITTED BY: Jessica Weaver, Utility Director

DATE: August 5th, 2024

RE: To approve emergency purchase of repairs to the raw water intake Drive No. 2

ATTACHMENTS:

PURPOSE:

To approve Resolution 24-190 to approve emergency repairs to the raw water intake Drive no.2 and associated costs.

BACKGROUND:

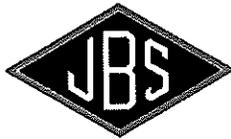
The City of Spring Hill water treatment facility currently has 3 raw water pumps and drive systems. Two pumps are needed to provide water to the citizens during high usage. Currently only two pump and drive systems are fully functioning with drive no. 2 inoperable.

FINANCIAL IMPACT:

This will be funded from water depreciation expense at a total cost of \$78,150.00 .

STAFF RECOMMENDATION:

Staff recommends approval of Resolution 24-190 to approve emergency repairs to the raw water Drive No. 2



CONSTRUCTION & SALES
 Industrial Fabrication
 Fire Protection Systems
 Iron Construction Castings
 Air Compressor Sales & Service
 Mechanical & Electrical Contracting
 Pumping Systems & Industrial Sales

JOHN BOUCHARD & SONS CO.

BUILDING & SUSTAINING
 HARDWORKING INFRASTRUCTURE

- SINCE 1900 -

SERVICE & REPAIR
 Control Systems
 Restaurant Equipment
 Pump & Rotating Equipment
 HVAC, Plumbing & Electrical
 Metal Stamping Press Rebuilds
 Fire Sprinkler Service & Inspections

Electrical Department Estimate Proposal

7/18/2024
 Jeremy Vanderford
 Spring Hill WTP Superintendent

RE: replace 400hp VFD @ WTP

Mr. Vanderford,

We appreciate the opportunity to provide you with a quotation for the following electrical scope:

- Disconnect and removal existing 400hp Danfoss VFD
- Rework line and load circuits
- Install new Danfoss VFD matching that of previous replacement
- Startup of new VFD
- Controls integration with Southern Flow Master Control Panel

Install Estimate: \$78,150.00 (Seventy-Eight Thousand One Hundred Fifty Dollars)

Estimate Valid Until 8/14/2024. Final billing will be at service contract rates.

NOTES ADD 5% IF PAYMENT MADE BY CREDIT CARD

Accepted On: August 5, 2024

John Bouchard & Sons Co.

By: (signature)

By: _____

Name: Jim Haganan (print)
 Mayor

Name: Casey Clark