



Legislation Text

File #: 19-2209, **Version:** 2

Resolution to Authorize a Sole Source Purchase Order to Universal Filtration & Pumping Solutions, Inc. (\$51,240.00) for Two Filter Press Hydraulic Power Units

This memorandum and resolution requests authorization of a sole source purchase order to Universal Filtration & Pumping Solutions, Inc. (UF&PS) for furnishing of two (2) hydraulic power units required to operate the two (2) filter presses at the Water Treatment Plant (\$51,240.00).

The Water Treatment Plant dewateres solids produced during lime softening treatment of the City's drinking water using two (2) plate and frame filter presses. Solids, or residuals, are fed to each filter press and dewatered via rams driven by hydraulic power units (power packs). Both filter presses and all hydraulic power packs are original equipment from the installation in 1979 and are nearing the end of their service life. Both hydraulic power packs have had several breakdowns over the last 5 years requiring continual repair and maintenance, and are currently leaking significantly due to their age and condition. Solids dewatering is a critical element of the treatment process. Without the dewatering equipment, the City must send residuals generated by the treatment process to a settling pond located behind Wines and Forsyth Schools along M-14, which has minimal remaining capacity.

As part of its asset management program, the city completed a condition assessment of the solids handling process in 2017 that resulted in several recommendations for refurbishment/replacement of filter press and filter press components. In 2017, Council approved the replacement of a major component associated with feeding solids to the filter presses. The next highest priority recommendation was to replace the filter press hydraulic power packs.

The City requested a quote from UF&PS as the Sole Source product vendor. UF&PS is the original supplier of the filter press system, and provides materials and equipment certified by the manufacturer. The proposed scope of work for UF&PS is to provide two (2) new filter press hydraulic power packs to replace the existing units.

It is recommended that UF&PS's quote for \$51,240.00 be accepted, and that a sole source purchase order be approved for the hydraulic units needed to operate the filter press dewatering equipment.

The resolution recommends a contingency in the amount of \$6,000.00 for changes to the purchase order with UF&PS to cover unforeseen conditions.

Budget/Fiscal Impact: Funds for this project are available from the approved FY20 Water Supply System's Operations and Maintenance Budget.

Universal Filtration & Pumping Solutions, Inc. is the sole source provider of this equipment in the City's service area.

Universal Filtration & Pumping Solutions, Inc. complies with the City's Living Wage and Non-Discrimination Ordinances.

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Reviewed by: Craig Hupy, Public Services Area Administrator

Approved by: Howard S. Lazarus, City Administrator

Whereas, Universal Filtration & Pumping Solutions, Inc. is uniquely qualified to provide the filter press hydraulic units, and it is the sole source provider of the equipment in this service area;

Whereas, The solids dewatering system at the City's Water Treatment Plant is a critical process necessary to handle residuals produced during treatment of the City's drinking water;

Whereas; The replacement of the filter press hydraulic units will replace critical components of the sludge dewatering system components that have exceeded their useful life and are beyond repair;

Whereas, It is necessary to purchase the filter press hydraulic units to ensure continuous operation of the filter presses and maintain uninterrupted operation of the solids dewatering system;

Whereas, Funding in the amount of \$51,240.00 for the filter press hydraulic units is available in the approved FY20 Water Treatment Plant Water Supply System Operations and Maintenance Budget; and

Whereas, Universal Filtration & Pumping Solutions, Inc. complies with the City's Living Wage and Non-Discrimination Ordinances;

RESOLVED, That Council approve a sole source purchase order to Universal Filtration & Pumping Solutions, Inc. for the filter press hydraulic units in the amount of \$51,240.00;

RESOLVED, That Council approve a contingency in the amount of \$6,000.00 to the purchase order with Universal Filtration & Pumping Solutions, Inc. and that the City Administrator be authorized to approve additional purchase order changes not to exceed a total purchase amount of \$57,240.00 in order to satisfactorily complete this project; and

RESOLVED, That Council authorize the City Administrator to take the necessary administrative actions to implement this resolution.