



Legislation Details (With Text)

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Title: Resolution to Approve a Best Source Purchase Order with Universal Filtration & Pumping Solutions, Inc. for a Pump Hydraulic Unit and Control Panel (\$60,790.00)

Sponsors:

Indexes:

Code sections:

Attachments: 1. Universal Ann Arbor-Willett Pump Hydraulic Unit-June 1 2023.pdf, 2. Universal Ann Arbor-Willett Pump Control Panel-June 1 2023.pdf, 3. Universal BEST_SOURCE_JUSTIFICATION_2020_noSignatures.pdf

Date	Ver.	Action By	Action	Result
7/17/2023	2	City Council	Approved	Pass

Resolution to Approve a Best Source Purchase Order with Universal Filtration & Pumping Solutions, Inc. for a Pump Hydraulic Unit and Control Panel (\$60,790.00)

This memorandum and resolution requests the approval of a purchase order to Universal Filtration & Pumping Solutions, Inc. (UF&PS) for a hydraulic power pack unit and control panel for one of the filter press feed pumps at the Water Treatment Plant.

The Water Treatment Plant dewateres solids produced during treatment of the City’s drinking water using two plate and frame filter presses. Solids are fed to the presses via three pumps. Both filter presses and two of the pumps are original equipment from 1979 and are nearing the end of their service life. Solids dewatering is a critical element of the treatment process. Without the dewatering equipment, the City must send the material to a settling pond located behind Wines and Forsyth schools along M-14, which has minimal remaining capacity.

A condition assessment of the filter presses and pumping equipment was conducted by UF&PS in February of 2017 and resulted in several recommendations for refurbishment/replacement of filter press and filter press feed pump components. The highest priority recommendation from UF&PS is to replace the pumps’ hydraulic controls before they begin to fail.

City staff recommends approval of a best source purchase order with UF&PS for a new pump hydraulic control unit and. UF&PS performed the condition assessment and are intimately familiar with the press and its equipment needs. They are also the original supplier of the filter press system and have provided materials and equipment for the system. Removal and installation of the units will be performed by city staff.

Budget/Fiscal Impact: Funds for this project are available in the approved FY24 Water Treatment

Plant Water Supply System's Operations Maintenance Budget.

Charter language requires best source procurement over \$25,000.00 receive City Council approval.

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

Prepared by: Nicholas Baran, Inventory Control Technician

Reviewed by: Brian Steglitz, Public Services Area Administrator

Approved by: Milton Dohoney Jr., City Administrator

Whereas, The Water Treatment Plant's filter press is the primary method used to dewater solids generated during the water softening process;

Whereas, The filter press feed pump hydraulic control unit is a critical component of the solids dewatering system and is in need of replacement;

Whereas, The equipment is necessary to ensure continuous operation of the solids dewatering system;

Whereas, Universal Filtration & Pumping Solutions, Inc. is uniquely qualified to provide the filter press feed pump hydraulic control unit because they are the original supplier of the filter press system, performed the most recent condition assessment, and are intimately familiar with the filter press and its equipment needs;

Whereas, Funding for the hydraulic control unit is available in the approved FY24 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 City Council approves a best source purchase order with Universal Filtration & Pumping Solutions, Inc. in the amount of \$60,790.00 for a filter press pump hydraulic control unit;

RESOLVED, That City Council approves a contingency in the amount of \$5,000.00 to the purchase order with Universal Filtration & Pumping Solutions, Inc. for changes to be approved by the City Administrator; and

RESOLVED, That the City Administrator be authorized to take the necessary administrative actions to implement this resolution.