

Date: January 10, 2024
To: Joe Trueblood, Utility Superintendent
From: Bill Swearingen, Operations Supervisor
Subject: Filter Effluent Electric Actuators (Filters 8-11)

I would like to recommend replacing filter's 8-11 rate of flow electric actuators originally installed in 2002. These actuators are installed on the filter effluent piping and control the flow through the filter beds via SCADA. Filter 7 rate of flow actuator was problematic and was replaced 2017. Filters 1-6 rate of flow actuators were replaced in 2023.

The attached proposal includes programming, startup, and installation services.

2024 Budget Item: \$50,000.00

<u>Items</u>	<u>Unit</u>	<u>Total</u>
(2) Filter Effluent Actuators	\$9,872.00	\$19,745
(2) Filter Effluent Actuators	\$7,655.00	\$15,310
	Quotation Total:	\$35,055.00

DORNER QUOTATION

To: Sheboygan Water Utility
 Ref: Filter 8-11 Rate Of Flow Valve-Replacement Actuators
 Attn: Andy Wellman & Bill Swearigan

Date: 12/13/2023
 Proposal No. Q2672dzsh
 Page: one of one
 Industry Code: 4952

FOB: Pre-Pay & Add
 Terms: N30
 Delivery: An

Make Order To: Dorner Company
 N61 W23043 Silver Spring Dr.
 Sussex, WI 53089

Phone No: (262) 932-2100

Sales Contact: Gordie Hoeft

Prepared By: Pete Pronold

Item	Quan.	Description	Unit Price	Total
1	2	Replacement Auma SAR10.2-26/GS100.3 electric actuator for use with Filter 10-11 rate of flow 16" DeZurik BAW butterfly valve, Auma SO A01-3239. Pricing includes (2) two Dorner Service Technicians to remove existing actuators and install new actuators as described above. NOTE: All field wiring is by others.	\$ 9,872	\$ 19,745
2	2	Replacement Auma SAR07.6-26B/GS63.3 electric actuator for use with Filter 8-9 rate of flow 12" Bray 30 butterfly valve. Auma SO A02-6083. Pricing includes (2) two Dorner Service Technicians to remove existing actuators and install new actuators as described above. NOTE: All field wiring is by others.	\$ 7,655	\$ 15,310
		Auma electric actuator with features below		
		Modulating service		
		480/60/3 power		
		Six programmable relays		
		Space heater in switch compartment		
		Side mounted handwheel override		
		Aumatic controls including solid state starters, power supply, phase disciminator, local control station, 20 X 4 character LED display		
		Positioner - 4-20 ma input signal		
		24 VDC control voltage		
		MWG position transmitter		
		Double seal terminal compartment		
		30 second speed of operation		
		GS63.3/GS100.3 gearbox with indicator		
		NEMA 6P enclosure		
		Total		\$ 35,055

Notes: Prices quoted are FOB Factory with freight pre-pay & add. Quote valid for 30 days. Any applicable taxes are not included in the above pricing. Delivery times are estimated and are not guaranteed.