



### AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	Purchase of Water Control Valve Actuators		
Presenter & Title:	Bob VanGyseghem, Superintendent of Water & Wastewater		
Date:	June 7, 2021		
<b>Please Check Appropriate Box:</b>			
<input checked="" type="checkbox"/>	Committee of the Whole Meeting	<input type="checkbox"/>	Special Committee of the Whole Meeting
<input checked="" type="checkbox"/>	City Council Meeting	<input type="checkbox"/>	Special City Council Meeting
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	Other – Mayor Emergency Declaration Authorization
Associated Strategic Plan Goal/Objective: ES-II, EMS-II			
Estimated Cost: \$29,993.00	Budgeted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Other Funding? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Executive Summary:</b>			
<p>Fiscal Year 2022 budget contains funds to continue to replace water plant control valve actuators that are showing signs of failure and have reached their projected life expectancy. The control valve actuators control the positions of the filter effluent valves and regulate flows utilizing air pressure. The actuators scheduled to be replaced are leaking air lessening their effectiveness and causing the air compressor to operate longer. Replacement allows for effective process control and energy savings. Last year staff replaced a several control valve positioners with Kinetrol brand positioners. Staff has been pleased with these actuators as they are user friendly and the factory representative is very responsive. Standardizing the control valve actuators will provide consistency in materials and support. Dorner Company is the factory sales representative for the Kinetrol Actuators and has provided a quote for ten (10) actuators with installation at a cost of \$29,993.00.</p>			
<b>Attachments:</b> <i>(please list)</i>			
<ul style="list-style-type: none"> <li>• Resolution</li> <li>• Quote</li> </ul>			
<b>Voting Requirements:</b>			
<p><i>This motion requires <u>7</u> affirmative votes for passage.</i></p> <p><i>The Mayor may vote on three occasions: (a) when the vote of the aldermen or trustees has resulted in a tie; (b) when one half of the aldermen or trustees elected have voted in favor of an ordinance, resolution, or motion even though there is no tie votes; or (c) when a vote greater than a majority of the corporate authorities is required by state statute or local ordinance to adopt an ordinance, resolution, or motion.</i></p>			
<b>Recommendation / Suggested Action:</b> <i>(how item should be listed on agenda)</i>			
<p>Recommend approval of Resolution of No. 2021 – xx waiving competitive bidding and authorizing the City Administrator to purchase from Dorner Company, Sussex, Wisconsin water plant control valve actuators at a cost not-to-exceed \$29,993.00</p>			

**RESOLUTION NO. 2021/68**  
**RESOLUTION AUTHORIZING THE**  
**Purchase of Water Control Valve Actuators**

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**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GENEVA, KANE COUNTY, ILLINOIS**, as follows:

**SECTION 1:** That the City Administrator is hereby authorized to purchase, on behalf of the City of Geneva, water control valve actuators with Dorner Company in an amount not to exceed \$29,993.00.

**SECTION 2:** This Resolution shall become effective from and after its passage as in accordance with law.

**PASSED** by the City Council of the City of Geneva, Kane County, Illinois, this \_\_\_\_ day of \_\_\_\_\_, 2021

**AYES: \_\_ NAYS: \_\_ ABSENT: \_\_ ABSTAINING: \_\_ HOLDING OFFICE: \_\_**

Approved by me this \_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
City Clerk

**To: City of Geneva Water**  
**Ref: Retrofit Pneumatic Actuators**  
**Attn: Mike Martens**

**Date: June 1, 2021**  
**Proposal No. Q1008kng**  
**Page: one of one**  
**Industry Code: 4952**

**FOB: Factory**  
**Terms: N30**  
**Delivery: 3 - 4 Weeks**

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

**Sales Contact: Steve Pollock**  
**Phone No: (262) 932-2100 Ext: 126**  
**(262) 685-8389 Cell**  
[stevep@dornerco.com](mailto:stevep@dornerco.com) **Email**

**Prepared By: Steve Pollock**

Item	Quan.	Description	Unit Price	Total
1	1	Kinetrol Pneumatic Double Acting Vane Style Actuator. Open/Close Service, Cast Aluminum Body, Yellow Epoxy Stove Enamel Finish, VLS Universal Limit Switch Assembly Containing 2 SPDT Limit Switches for Open & Closed Remote Indication, Clear Cone Monitor For Visual Position Indication, 120 VAC Double Acting Solenoid with 2ft Flying Leads. FUW Customer Existing 4" DeZURIK BAW Butterfly Valve. Model: 077-104UV05004M-C5N211	\$ 1,212	\$ 1,212
2	1	Kinetrol Pneumatic Double Acting Vane Style Actuator. Modulating Service, Cast Aluminum Body, Yellow Epoxy Stove Enamel Finish, VLS Universal Limit Switch Assembly Containing 2 SPDT Limit Switches for Open & Closed Remote Indication, AP Positioner, 4-20Ma I/P Transducer & Gauge, 4-20Ma Input, With 4-20Ma Angle Retransit, Clear Cone Monitor For Visual Position Indication, Carbon Steel Mounting Bracket. FUW Customer Existing 4" DeZURIK BAW Butterfly Valve. Model: 077-404AP1300C	\$ 3,492	\$ 3,492
3	1	Kinetrol Pneumatic Double Acting Vane Style Actuator. Open/Close Service, Cast Aluminum Body, Yellow Epoxy Stove Enamel Finish, VLS Universal Limit Switch Assembly Containing 2 SPDT Limit Switches for Open & Closed Remote Indication, Clear Cone Monitor For Visual Position Indication, 120 VAC Double Acting Solenoid with 2ft Flying Leads. FUW Customer Existing 6" DeZURIK BAW Butterfly Valve. Model: 097-104UV05004M-C5N211	\$ 1,379	\$ 1,379
4	1	Kinetrol Pneumatic Double Acting Vane Style Actuator. Modulating Service, Cast Aluminum Body, Yellow Epoxy Stove Enamel Finish, VLS Universal Limit Switch Assembly Containing 2 SPDT Limit Switches for Open & Closed Remote Indication, AP Positioner, 4-20Ma I/P Transducer & Gauge, 4-20Ma Input, With 4-20Ma Angle Retransit, Clear Cone Monitor For Visual Position Indication, Carbon Steel Mounting Bracket. FUW Customer Existing 6" DeZURIK BAW Butterfly Valve. Model: 097-404AP1300C	\$ 3,659	\$ 3,659
5	1	Kinetrol Pneumatic Double Acting Vane Style Actuator. Open/Close Service, Cast Aluminum Body, Yellow Epoxy Stove Enamel Finish, VLS Universal Limit Switch Assembly Containing 2 SPDT Limit Switches for Open & Closed Remote Indication, Clear Cone Monitor For Visual Position Indication, 120 VAC Double Acting Solenoid with 2ft Flying Leads. FUW Customer Existing 8" DeZURIK BAW Butterfly Valve. Model: 107-104UV05004M-C5N211	\$ 1,581	\$ 1,581

Item	Quan.	Description	Unit Price	Total
6	1	Kinetrol Pneumatic Double Acting Vane Style Actuator. Modulating Service, Cast Aluminum Body, Yellow Epoxy Stove Enamel Finish, VLS Universal Limit Switch Assembly Containing 2 SPDT Limit Switches for Open & Closed Remote Indication, AP Positioner, 4-20Ma I/P Transducer & Gauge, 4-20Ma Input, With 4-20Ma Angle Retransit, Clear Cone Monitor For Visual Position Indication, Carbon Steel Mounting Bracket. FUW Customer Existing 8" DeZURIK BAW Butterfly Valve. Model: 107-404MP1300C	\$ 3,861	\$ 3,861
7	1	Kinetrol Pneumatic Double Acting Vane Style Actuator. Open/Close Service, Cast Aluminum Body, Yellow Epoxy Stove Enamel Finish, VLS Universal Limit Switch Assembly Containing 2 SPDT Limit Switches for Open & Closed Remote Indication, Clear Cone Monitor For Visual Position Indication, 120 VAC Double Acting Solenoid with 2ft Flying Leads. FUW Customer Existing 10" DeZURIK BAW Butterfly Valve. Model: 127-104UV05004M-C5N211	\$ 1,800	\$ 1,800
8	1	Kinetrol Pneumatic Double Acting Vane Style Actuator. Modulating Service, Cast Aluminum Body, Yellow Epoxy Stove Enamel Finish, VLS Universal Limit Switch Assembly Containing 2 SPDT Limit Switches for Open & Closed Remote Indication, AP Positioner, 4-20Ma I/P Transducer & Gauge, 4-20Ma Input, With 4-20Ma Angle Retransit, Clear Cone Monitor For Visual Position Indication, Carbon Steel Mounting Bracket. FUW Customer Existing 10" DeZURIK BAW Butterfly Valve. Model: 127-404MP1300C	\$ 4,105	\$ 4,105
9	1	Kinetrol Pneumatic Double Acting Vane Style Actuator. Open/Close Service, Cast Aluminum Body, Yellow Epoxy Stove Enamel Finish, VLS Universal Limit Switch Assembly Containing 2 SPDT Limit Switches for Open & Closed Remote Indication, Clear Cone Monitor For Visual Position Indication, 120 VAC Double Acting Solenoid with 2ft Flying Leads. FUW Customer Existing 12" DeZURIK BAW Butterfly Valve. Model: 127-104UV05004M-C5N211	\$ 1,800	\$ 1,800
10	1	Kinetrol Pneumatic Double Acting Vane Style Actuator. Modulating Service, Cast Aluminum Body, Yellow Epoxy Stove Enamel Finish, VLS Universal Limit Switch Assembly Containing 2 SPDT Limit Switches for Open & Closed Remote Indication, AP Positioner, 4-20Ma I/P Transducer & Gauge, 4-20Ma Input, With 4-20Ma Angle Retransit, Clear Cone Monitor For Visual Position Indication, Carbon Steel Mounting Bracket. FUW Customer Existing 12" DeZURIK BAW Butterfly Valve. Model: 127-404MP1300C	\$ 4,105	\$ 4,105
11	1	Installation Services For Above Model Actuators. Quote is for (2) Service Techs PER DAY of Service Needed. Includes Miscellaneous Tubing, Fittings, Conduit/ Electrical Fittings. All Necessary Ladders, Scaffolding, Tools & Equipment, Valve Calibration & System Start Up.	\$ 3,000	\$ 3,000
<b>Total</b>				<b>\$ 29,993</b>

Notes: Prices quoted are FOB Factory with 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.