

TO: Mayor and City Council

FROM: Dan Howard, Public Works Director

SUBJECT: Pressure Reducing Valve maintenance

MEETING DATE: Tuesday, September 7, 2021

BACKGROUND

The City of Cannon Falls water distribution system contains 8 Pressure Reducing Valves throughout the 5 pressure zones. We would like to begin a preventive maintenance program of inspecting and rebuilding 2 valves per year, which would put us in a 5 year rotation of inspection and rebuilding. We have chosen the County Road 25 valve and the Timber Lane valve for rebuild this year. The valves were installed in 2001 and 2006, respectively and have not been rebuilt. The County Road 25 valve is an 8 inch valve and the cost to rebuild is \$6,670. The Timber Lane valve is a 6 inch valve and the cost to rebuild is \$5,800. Total cost of \$12,470.

REQUESTED COUNCIL ACTION

Motion and approval to accept the estimates as written and move forward with this project as recommended by the Public Works Commission.

Northwestern Power
Equipment Co., Inc.

QUOTE

Company: Cannon Falls
 Contact: Ted Hartgers
 Project: County 25 PRV Rebuild
 Quote Number: 21560-B
 8.20.2021

Darin Kluck
 djkluck@nwpeco.com
 (c) 612.240.9105
 (o) 651.628.0683

Item	Qty. Unit		Description	Unit Price [\$]	Value [\$]
1	1	8"	8" Cla-Val 100-01 Rebuild Assembly & Pilot Assembly , includes diaphragm, spacer washers, disc assembly, epoxy coated disc retainer, epoxy coated diaphragm washer, protective washer, SS stem, SS disc guide, stainless steel (SS) stem nut, replacement cover spring, cover washer. Comes with replacement SS studs, nuts, and washers, ball valves, opening speed control, with blowoff valve, black pex tubing, 20-105		5,470
2	1		Estimated Labor to Install		1,200
				TOTAL NET PRICE	\$6,670

Pricing Comments Taxes, freight not included_Start-up included with Item #2

Northwestern Power™
Equipment Co., Inc.

QUOTE

Company: Cannon Falls
 Contact: Ted Hartgers
 Project: Timber Lane PRV Rebuild
 Quote Number: 21570-B
 8.20.2021

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 (o) 651.628.0683

Item	Qty.	Unit	Description	Unit Price [\$]	Value [\$]
1	1	6"	6" Cla-Val 100-01 Rebuild Assembly & Pilot assembly , includes diaphragm, spacer washers, disc assembly, epoxy coated disc retainer, epoxy coated diaphragm washer, protective washer, SS stem, SS disc guide, stainless steel (SS) stem nut, replacement cover spring, cover washer. Comes with replacement SS cover bolts (6" and below), ball valves, opening speed control, with blowoff valve, black pex tubing-105 spring range		4,600
2	1		Estimated Labor to Install		1,200
				TOTAL NET PRICE	\$5,800

Pricing Comments Taxes, freight not included_Start-up included with Item #2