

ATTACHMENT NO. X-F: Water Softeners

Potential motion: Move to approve the water softener repairs and adding a system at Capron

Recommended action: Approve the motion.

We are asking the Board to approve improvements on water softener at three buildings. Currently we are using Culligan to service our water softeners and supply salt. Manchester currently leases a water softener and we are paying monthly bills to lease that. The High School has two water softener systems that both are at end of life. One is for the regular water in the school and the other is for drinking water. Capron doesn't have a system at all. We are asking the Board to pay for a water softener system for Manchester so we no longer have monthly bills, replace the two failing systems at the high school, and adding a water softener at Capron. This will improve the water quality and help extend the life of all mechanicals that require the use of water.

Affordable Water Inc
214 W. Menomonie Street
Belvidere, IL 61008
815-544-1021



Estimate 1024

ADDRESS

JIM NOLEN
NORTH BOONE CUSD #200
248 NORTH BOONE SCHOOL
ROAD
POPLAR GROVE, IL 61065
815-765-3322

DATE
09/20/2021

TOTAL
\$9,495.00

EXPIRATION
DATE
09/20/2021

SALES REP

Josh

DATE	DESCRIPTION	QTY	RATE	AMOUNT
	WATER SOFTENER			
	WATER SOFTENER 21x72 simplex, 2" clack control. 24x50 salt container.	1	9,105.00	9,105.00
	PLUMBING CHARGE			
	PLUMBING CHARGE install new bypass 1 1/2" ball valves (3)	1	390.00	390.00

Price includes tax, coupons, install.

TOTAL

\$9,495.00

THANK YOU.

Accepted By

Accepted Date

Please send us your email address to avoid a \$3.00 billing fee starting February 1, 2022.

Email: _____

PLEASE CONTACT THE OFFICE AT 815-544-1021 IF YOU HAVE ANY BILLING QUESTIONS. THANK YOU.

Affordable Water Inc
214 W. Menomonie Street
Belvidere, IL 61008
815-544-1021



Estimate 1052

ADDRESS

JIM NOLEN
NORTH BOONE CUSD #200
248 NORTH BOONE SCHOOL
ROAD
POPLAR GROVE, IL 61065
815-765-3322

DATE
01/31/2022

TOTAL
\$25,120.00

SALES REP

josh

DATE		DESCRIPTION	QTY	RATE	AMOUNT
01/31/2022	COMMERCIAL	21"x62" duplex 2" progressive flow clack water softners (7 cubic ft per tank) 1 salt container	1	15,845.00	15,845.00
	PLUMBING CHARGE	2" copper pre fab headers, ball valves, unistrut, pvc drains	1	3,890.00	3,890.00
	LABOR	LABOR 2 plumber, 2 service techs hourly	20	220.00	4,400.00
	system controller		1	985.00	985.00

capron elementary,

Install two 21x62 commercial water softners. Cost includes rough in
work to be able to install water softners. Systems will be installed in 2"
copper in and out. Drains will be hard piped to existing floor drain.
Prices includes all materials, labor and install.

TOTAL

\$25,120.00

THANK YOU.

Accepted By

Accepted Date

Please send us your email address to avoid a \$3.00 billing fee starting February 1, 2022.

Email: _____

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Affordable Water Inc
214 W. Menomonie Street
Belvidere, IL 61008
815-544-1021



Estimate 1050

ADDRESS

JIM NOLEN
NORTH BOONE CUSD #200
248 NORTH BOONE SCHOOL
ROAD
POPLAR GROVE, IL 61065
815-765-3322

DATE
01/27/2022

TOTAL
\$41,060.00

P.O. NUMBER

north boone high school

SALES REP

josh

DATE		DESCRIPTION	QTY	RATE	AMOUNT
01/25/2022	COMMERCIAL	24"x72" clack 2" progressive flow triplex (10 cubic ft, 320,000 grain per tank)	1	25,790.00	25,790.00
	system controller	System controller	1	1,585.00	1,585.00
	PLUMBING CHARGE	PLUMBING materials including prefab copper headers with full port ball valves, unions, unistrut, hangers, hard pipe drains, insulation.	1	6,185.00	6,185.00
	LABOR	LABOR (2 plumbers 2 technicians)hourly	30	220.00	6,600.00
	REMOVAL	REMOVAL OF UNIT (includes disposal) existing culligan softners	1	900.00	900.00

Existing culligan csm softners have several issues. systems are in need of changing of resin, along with complete rebuild or replacement of brunermatic valves. tank #2 has a faulty control board, control panels for these are obsolete meaning if you replace one you have to update them both. cost of these are very expensive. 3" brunermatic controls are on back order at this time. The cost of repairing these at this time would be well over half the cost of new equipment. Due to availability of replacement items we are unwilling to repair these at this time. I have attached the cost of a complete system replacement. New system would be split into three tanks that would come on line as needed. Systems will be able to soften and filter out iron much more efficiently with new technology. Operating cost along with maintenance cost will be much less with new system. Equipment comes with a 5 year structural warranty. Price includes the cost of the job start to finish, material, labor, removal.

TOTAL

\$41,060.00

THANK YOU.

Accepted By

Accepted Date

Please send us your email address to avoid a \$3.00 billing fee starting February 1, 2022.

Email: _____

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