

Memorandum

To: Rapid City Common Council
CC: Mayor Munson, Dan Bjerke, Ted Vore
From: David Van Cleave
Date: 09/27/01
Re: Emergency Purchase of Heat Pump



Mayor & Council

I would like to request approval of the emergency purchase of a Heat Pump for the Water Reclamation Administration building.

. This spring, the back up boiler unit that heats the Administration building failed due to the corrosion issues at the plant. A quote that was obtained to repair the boiler which listed the repair price at \$15,860.00. Due to the planned abandonment of the building (for its use as an administration building) it was decided not to repair this back up equipment.

Then, early this summer, the water source heat pump, which serves the administration building, also failed due to the corrosion problems. A quote was obtained from Grider Robinson for a replacement unit that is coated to prevent corrosion at a cost of \$15,943.00. A second quote was received from Action Mechanical for a cost of \$23,895.00.

Again due to the high cost of the unit, it was decided to look at other options including an electric boiler and unit air conditioners on specific parts of the building. This was given to Western Mechanical to look at since they are already doing mechanical work at the facility. Due to some power issues and the corrosion issue, pricing from Western has come in at over \$25,000.00.

I am therefore requesting that the council accept the quote from Grider Robinson for replacement of the existing heat pump unit with a Florida heat pump unit that is coated to prevent corrosion. Again the price quoted for this was \$15,943.00. Due to colder weather approaching, time is of some concern.

Thank you for your consideration of this matter.

David Van Cleave

Water Reclamation Superintendent