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 NORTH • 10 Van Buren St. Rapid City, SD 57701 • (605) 716-4098
 EAST • 800 Mickelson Dr. Rapid City, SD 57703 • (605) 718-2904

Date: April 12, 2016
 To: Pauline Sumption, Finance Director
 From: Rapid City Library Board of Trustees
 Re: 5 Year CIP Request

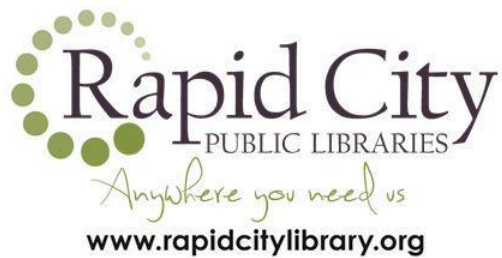
Date: March 14, 2016
 To: Rapid City Public Library Board of Trustees
 From: Rod Pettigrew, Finance Committee
 Re: 5 Year CIP Request

On Monday, April 11, 2016, the Rapid City Library Board of Trustees approved the 5 Year CIP Funding Request for submission to the CIP Committee for review and approval.

The library makes the following request to the City CIP committee for inclusion in the overall city 5 Year Capital Improvements plan. The items are identified as:

4.2.13	Estimated Cost	2016	2017	2018	2019	2020	2021	Total
Library								
Carpet Replacement	49,000	49,000						49,000
Air Handler Replacement (Air Handlers 1 and 2)	170,000					170,000		170,000
HVAC Base Heater Replacement	25,000				25,000			25,000
HVAC Chiller Replacement	100,000					100,000		100,000
HVAC Rooftop Unit Replacement (1, 2 and 3)	125,000						125,000	125,000
TOTAL	\$469,000	\$49,000	\$0	\$0	\$25,000	\$270,000	125,000	\$469,000

Maintenance projects in the next five years – projected capital projects in the next five years, as recorded in the maintenance schedule include, flooring (\$49,000), and HVAC equipment and fixtures (\$295,000). The items approved or eligible for city CIP funding are in bold. Details of the projects for the next five years are:



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2016	\$49,000	Flooring in the main floor stack, reading areas, DVD area and book sale area. This area was last carpeted in 2006.
2019	\$25,000	Base heater replacements. Several staff and patron areas continue to use the base heat fixtures. Recommendation by HVAC technicians to be considered at time of replacement for alternatives (i.e. cove heating).
2020	\$170,000	Air Handlers 1 and 2 originally installed in 1972. Replace with more efficient technology and mechanics.
2020	\$100,000	HVAC Chiller unit originally installed in 2004. Design of the coils and size of the unit is causing vibration. Vibration is causing the coil housing to wear down and start leaking. Modifications to settings and regular maintenance will be done to alleviate the load on the chiller prior to replacement and try to get another 5 years out of it (2015). Even though units generally last 20-50 years, one of the 4 coils has already been replaced at the cost of \$12,200 in 2013. Leaking is occurring 2-3 times per year with labor costs of \$500 and refrigerant cost of \$18 per pound, the unit is costing about \$6,500 in repairs per year (2011-2015). Regular maintenance (quarterly) has been maintained by Johnson Controls and then Climate Controls since installation. Annual maintenance costs have averaged about \$2,000 per year for this unit.
2021	\$125,000	HVAC Rooftop unit replacement. Units originally installed in 1972 when the building was built. Replacement for efficiency and wear purposes.