

# TTAG Air Handling Unit 2 Replacement

Priority Score: **37.10**

Project Type:	Replacement
Growth Related?:	No
Estimated Useful Life (years):	25
Future Replacement Cost:	\$167,500

Priority Level:	Moderate
Department:	Corporate Services
Staff Contact:	Bradey Carbert
Location/Coordinates:	840 1st Ave. W.

Cash Flow Projection:	2024	2025	2026
Studies			
In House Engineering			
Design or Engineering			
Communication / Signage			
Construction / Contractor	\$ 80,000		
Materials			
Equipment/Misc			
Contingency			
Total	\$ 80,000	\$ 0	\$ 0

## Costs Incurred to 2023 Year End

Impact on Operating Budget \$ 0 \$ 0 \$ 0

Total Project Budget: \$ 80,000

## Schedule:

Construction Start Date: 01/01/2025

Substantial Completion or  
purchase date: 03/01/2025

## Funding Sources:

Tax Levy \$ 80,000  
Please Select  
Please Select  
Please Select  
Please Select  
Capital Reserve \$ 0

## Description and Rationale:

AHU-2 is a 3 ton, 1200 cfm Liebert Unit that was installed in 2004. It serves the vault and immediately surrounding areas of the lower floor and has humidity control. All components of the equipment were operational at the time of the review, and no major concerns were raised by the building's maintenance contractor.

The unit is being replaced at the same time as AHU-1, which was approved in the 2023 budget.

It is anticipated that both AHU's will be replaced in early 2025 due to market supply issues.

**Attach Images:**

Opens the attachment panel. Double click files to view images attached. Maximum Size: 10MB

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## Justification for Matrix Values

## Score 0 - 5

## Justification / Rationale for Rating

People	How many people will be directly impacted by the project?	5	The facility receives over 10,000 visitors annually.
Health and Safety	What is the risk to the health and safety of the public or Staff if the project does not proceed?	1	Proper air quality is critical in buildings. If air quality is not adequate, health issues can occur.
Legislation	Is the project required for legislative/regulatory compliance?	1	There is no known legislative or regulatory compliance.
Asset Management	Is the project a high priority for replacement in the asset management plan.	3	Moderate probability of failure with a moderate consequence of failure.
Operational Performance	If the project proceeds (or fails to proceed), what will be the impact on operational performance? Comment on any impact on operating costs, staff time and maintenance.	2	Slight impact on operational efficiency and effectiveness.
Financing	Can the cost of investment be leveraged or are there partnership funds available?	1	May be eligible for rebate.
Environment	Does the project address needs impacted by climate change?	2	Slightly improve the natural environment or prevent further detriment.
Socio-Economic Factors	To what degree does the project support diversity and inclusion Initiatives?	2	The equipment maintains an existing space.
Aesthetic Value	To what degree is the aesthetic value of the asset improved?	1	The HVAC equipment is not seen by patrons.
Strategic Plan	Does the project help to meet a Key Result in the Strategic Plan?	1	Core service delivery. Providing safe facilities and spaces for activities.
Public Input	Has the project been identified through public engagement?	1	Has been mentioned in unsolicited feedback.