

# PF\_WC031201\_Courthouse – Server Room Safety Improvements

Modified Scope  
Capital Improvements Committee  
August 19, 2025



# Existing Conditions – Courthouse Data Room

## County Departments and Services Dependent on Courthouse Data Room

- Main Courthouse network connectivity
- Main Courthouse and CJF Building Automation Systems (BAS)
- Election-related Servers
- Connectivity from CJF systems to State networks and systems
- Supports Offices and Services for Elected Officials, County Administration, and Courts



## Room

- Dropped ceiling
- Wall is full height – Deck to Deck, with many wall penetrations
- Workstations for Personnel

## Connectivity

- Critical network infrastructure

## Cooling

- (4) Mini-Split 3.5 Ton mini-splits occupy the room – Non-Operational
- (1) Liebert upflow 16.5 Ton AC handles the entire room's IT cooling – Operational
- (4) Variable Air Volume (VAV) Systems – Operational

# Project Scope – Original vs Modified

Priority	Scope of Work	Responsible	Original Request	Modified Request	Modified Scope and Associated Risks
1	Overhead / Design	A&E	\$333,000	\$280,000	Reduced design cost due to modified scope and reduced project contingency.  Risk – Should costs exceed current estimates, no contingency is available.
2	Fire Suppression	A&E	390,000	258,000	The modified cost is the minimum requirement for fire suppression, which is a new and backup dry agent tank and is a stand-alone setup. A fully integrated system is removed from scope.  Risk – Loss of remote monitoring capabilities.
2a	Fire Alarm	A&E	197,000	10,000	Continue to use legacy and still functioning fire alarm panel and defers new fire alarm panel to a future project. Funds allow for light modifications to existing for new pre-action system.  Risk – Loss of integrated system capabilities (see #2 above).
3	Wall and Ceiling Fire Sealing	A&E / FMD	27,000	18,000	Bare material and install cost, removes funds for any specialty assemblies (dampers, pipe / conduit assemblies) for wall sealing.
4	Modifying HVAC	A&E	309,000	205,000	Bare material and install cost and will abandon in place existing equipment (except AC). Modified HVAC will operate on single source electrical on AC.  Risk – HVAC will not have access to generator backup power. In a power failure situation, possible overheating and failure of critical equipment could occur.
5	Honeywell's BAS Upgrade	FMD / IMSD	489,207	325,000	Adjusts design costs due to above changes and removes contingency.  Risk – Should costs exceed current estimates, no contingency is available.
6	IMSD Equipment Upgrade	IMSD	359,711	-	Original plan was to improve camera oversight and network equipment updates while the room is under construction. Defer to future years. For security items, evaluate ability to fund through existing Courthouse physical security projects.  Risk – Aging equipment failures
		Total	\$2,104,918	\$1,096,000	