



Turtle Lake School District



inBYLT



Agenda



inBYLT

- Potential Construction Projects
 - Fire Alarm
 - BAS
 - Windows
- inBYLT Services
- Next Steps



Fire Alarm

- District Received 3 Proposals:**

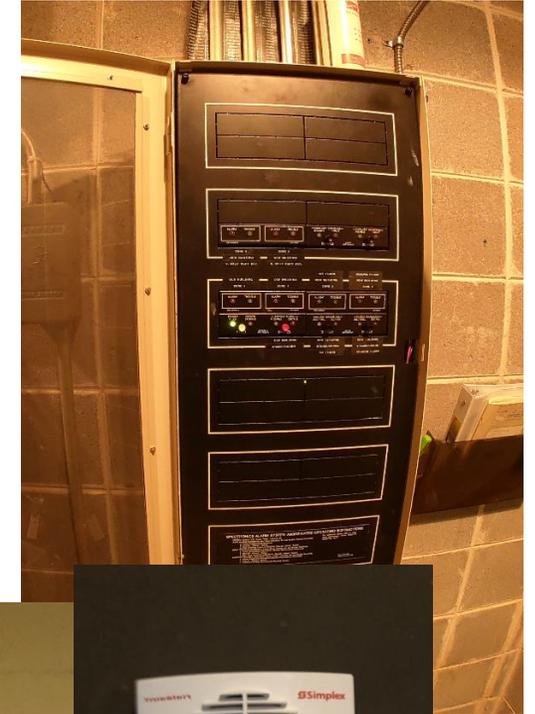
	Hunt Electric	NEI	Summit
Provide engineered drawings and submit for State Review and Permitting	X	X	X
Patching , painting, repairs, and tile replace if damaged included	X		
Elevator tie in	X	X	2
All required sensors, strobes, panels, etc. to be code compliant	X	X	X
Count for devices being provided ³	X	X	X
Removal of existing FA system	X	X ¹	X
Cost	\$ 227,350.00	\$ 224,740.00	\$235,000.00⁴

¹ Noted as demo of existing FA where needed

² Not specifically specified

³ Device count differs between each company however all are providing similar items

⁴ Proposal is noted as budgetary and subject to change based on detailed survey of the building



Building Automation System

- Existing System
 - Mix of 10-20+ year old HVAC BAS controls (LON and BACnet MS/TP)
- Recommend upgrading the older control items to:
 - Help control the system more effectively
 - Reduce potential downtime due to aging equipment



BASE OPTION

- Replace LON controllers with BACnet IP controllers
- Install new cabling for controllers
 - Owner to provide adequate network ports
- Relocate existing JACE 800 from Weightroom Closet to Electric Room
- Ensure Niagara license is upgraded to lasted version

Budget: \$231,900.00

BASE PLUS OPTION

- Everything in the base option
- Replace BACnet MS/TP controllers with BACnet IP controllers
- Install new cabling for controllers
 - Owner to provide adequate network ports

Budget: \$62,900.00

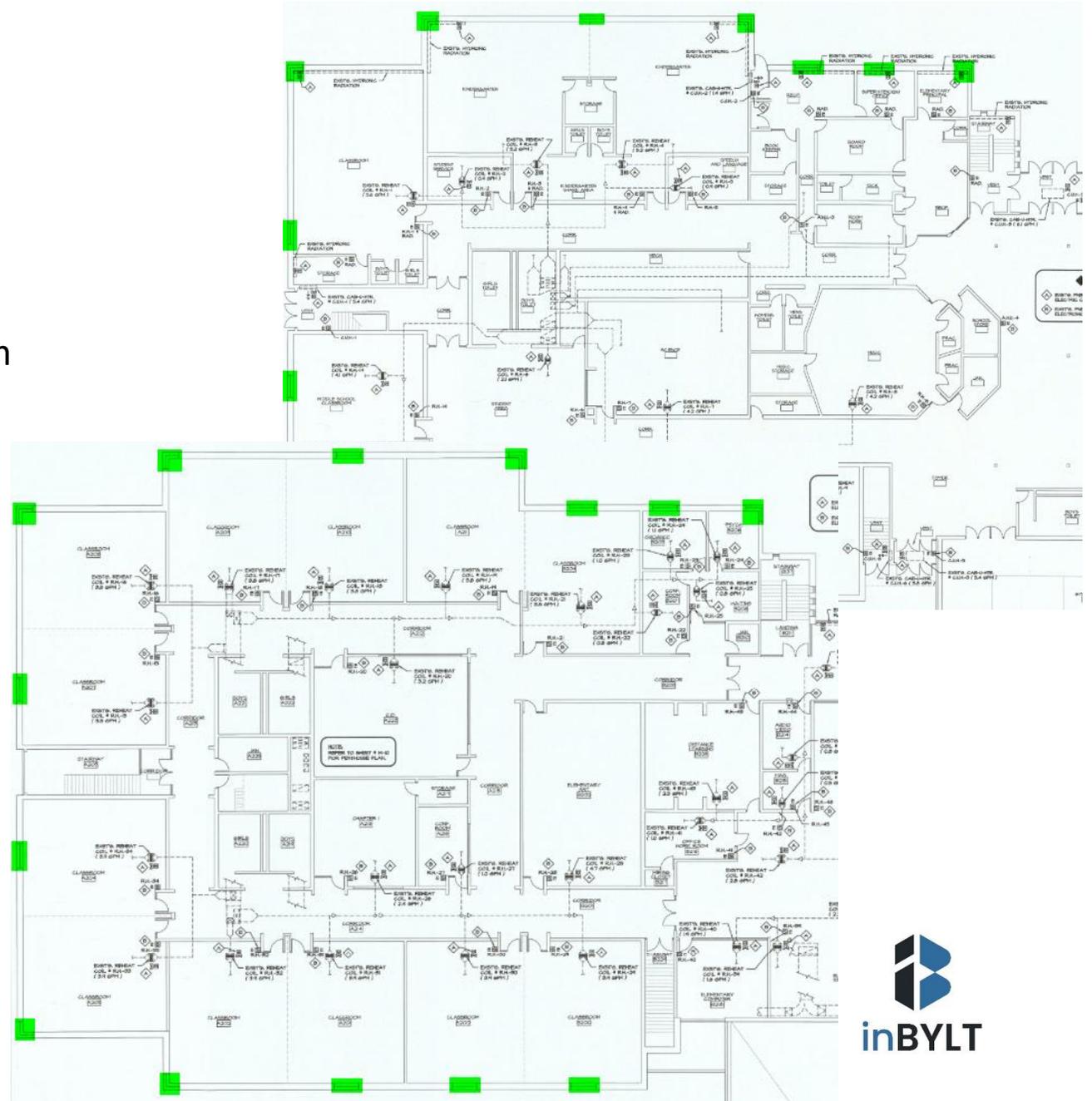
VFD ONLY OPTION

- Replace existing VFDs with new ABB VFDs on AHUs, Pool exhaust fan, and hot water system pumps

Budget: \$126,200.00

Windows

- **Elementary School Window Replacement**
 - Replace 1st and 2nd floor window
 - Windows to have bronze tinted glass
 - 1st Floor windows to have clear safety film
 - Windows to still have operable portion
 - **Budget: \$195,000**



inBYLT Services

- **Design Review**
- **Construction Management**
 - Project Scheduling
 - Cost Estimates
 - Contractor's Scope of Work
 - Professional Engineered Bid Documents
 - Prepare Contracts for Implementation of Work
 - Construction Administration
 - Project Site Oversight and Schedule Management
 - Startup oversight
 - Review & Approval of Contractor Pay Applications
 - Punchlist Inspection
 - Closeout Documents
- **inBYLT Professional Services: \$48,450**



Next Steps

- **School Board to Finalize Project Scope**
- **School Board to Finalize Scope of Services provided by inBYLT (If any)**
 - **inBYLT to Prepare Project Agreement**
 - **Design Review: 4-6 Weeks**
 - **Bidding: 4-5 Weeks**
 - **Construction: TBD**