



# Building and Property Committee

January 10, 2022

Big Spring Middle School

6:15 PM



# Agenda

- 2022 - Capital Projects
- 2023/2024 - Construction Project Discussion
- 2025 and Beyond - Long-Term Projects



# 2022 Summer Project Request

Pri	Bldg	Description	Amount	Cmnt	Status
<u>2022 Capital Project</u>					
1	HS	X-country Sound System	\$20,000		Approved 10/18/21
1	IT	Upgrade Core & Edge Switching and Wifi	\$330,000	erate	Pending
1	IT	Security Camera System and Engineering	\$150,000		Pending
1	DA	Planetarium Fix	\$25,000		Jan B&P Discussion
1	MS	Generator power for Idf/Servers/AC units	\$57,000		Jan B&P Discussion
1	NV	Add hallway door to gym; add soundproof café/gym barrier; Door #10	\$60,000		Jan B&P Discussion
			<b>\$642,000</b>		



# ERATE – Replace Network Switching and Wi-Fi

- The district is eligible for E-rate funding to subsidize up to 50% of the cost of qualified technology equipment
- The district used E-rate funding five years ago to replace network switches and Wi-Fi access points
- Recommended replacement cycle for network switches is 5 years
- Recommended replacement cycle for Wi-Fi access points is 3-5 years
- \$330,000 covers district out of pocket costs over the E-rate cap
- Requests were sent out to prospective bidders via the E-rate process
- Results and recommendation to be presented to the board Feb/Mar timeframe



# Planetarium Fix - \$25,000

## Why the Need?

- Improve Energy Efficiency
- Improve Office Temp



# Planetarium Fix (cont.) - \$25,000

Air Directly  
Entering the  
Building



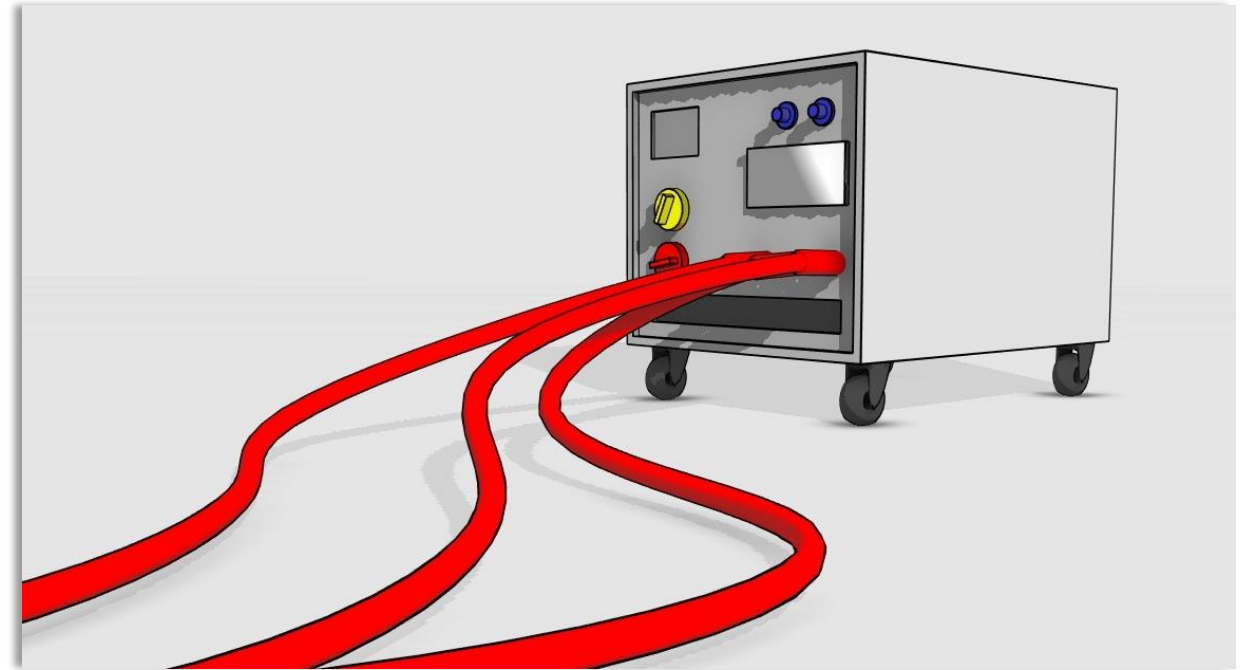
Insulation Panels Falling Off



# Generator Power for IDF/Servers/AC units - \$57,000

## Why the Need?

- Safety – Bathroom Lights
- Safety – Wifi, phones, and intercom
- A/C needed for servers when District loses power



# NV – Hallway Door to Gym, Soundproof Café, Door #10 - \$60,000

## Why the Need for Hallway Door?

- Safety Reasons
- More efficient café

## Why the Need for Soundproof Barrier?

- Gym class during lunch

## Why the Need to Widen Door #10?

- Scissor lift access





# NV – Hallway Door to Gym, soundproof café, Door #10 - \$60,000



# 2023 / 2024 Construction Project

Pri	Bldg	Description	Amount	Cmnt	Status
<u>2023 Capital Project</u>					
2	MS	Warehouse Conversion to Tech & HVAC	\$190,000		
2	DA	Basement HVAC	\$115,000		
2	HS	Update cat6 network cabling & Servers	\$275,000		
2	HS	Bells Clocks Intercom	\$250,000		
2	HS	Digital Marquee	\$40,000		
2	OF	Elevator Controls and Wiring	\$99,000		
			<b>\$969,000</b>		
<u>2023 or 2024 Construction Project</u>					
2	ALL	Ed Spaces renovations	\$1,800,000		
2	IT	Upgrade District Office Storage Area Network & Servers	\$99,500		
2	OF	Roof coating and/or replace	\$1,100,000		
2	OF	Cooling/Heating RTU Kitchen	\$110,000		
2	OF	Adaptive Playground	\$100,000		
2	MR	Gym gym floor/bleachers	\$150,000		
2	MR	Cooling/Heating RTU Kitchen	\$110,000		
2	MR	Ductless A/C for IDF Server Rooms	\$44,000		
2	MS	Boiler Room Access Grating	\$18,000		
2	MS	Kitchen remodel	\$250,000		
2	MS	Replace 110 Heat Pumps- installed 2005	\$475,000		
2	MS	Brick Repointing Continued, 4,000 sq.ft	\$150,000		
2	MS	Add entrance to Courtyard & raised growing beds	\$50,000		
2	MS	ERU's (7)			
2	HS	Cooling/Heating RTU Kitchen	\$110,000		
2	HS	Boiler 2 Replacement	\$225,000		
2	HS	LED Retrofit in Commons	\$48,000		
2	HS	LGI & Library carpet replacement	\$32,000		
2	HS	Replace select exterior windows	\$34,000		
2	HS	Move record storage to DAO & remove adjacent locker bay	\$26,000		
2	ALL	Re-key District Locks	\$85,000		
2	All	Front office security renovation	\$250,000		
			<b>\$5,266,500</b>		

**Other considerations still being evaluated**

- Trane Asset & Bench Marking Review
- Sidewalk Need



# 2023 / 2024 Construction Project

- \$10 Million?
- ESCO or Architects?
- Timeline?



# What is an Energy Service Company (ESCOs)?

ESCOs provide (either directly or through experienced subcontractors) all of the services identified by the organization as needed to implement the energy efficiency retrofit. ESCOs present a comprehensive plan to maximize energy savings while meeting the customer's specific facility requirements. ESCOs engineer and design the project to include multiple conservation measures and to account for interactions among the installed measures.

Typical service offerings include the following:

- Provide an Investment Grade Audit
- Engineer projects of appropriate size and scope
- Arrange project financing and assist the organization in understanding the available financing options.
- Procure and install the equipment
- Monitor and verify energy savings for as long as the customer wishes often the entire contract term
- Provide, if requested, ongoing operations and maintenance savings
- Prepare reports for the customer detailing energy savings and a reconciliation plan if energy savings were to fall below projections



# Next Steps

- Engage with Energia to provide an Energy Financial Assessment
- Study will take 6-8 weeks
- Decision in May/June to direction forward



# Long-Term Projects

Pri	Bldg	Description	Amount	Cmnt	Status
3	ATH	Turf Field bathrooms and locker rooms	\$400,000		
3	HS	Add LED lights to Turf Field	\$400,000		
3	ATH	Turf Field parking/sidewalk	\$75,000		
3	DIST	Coat or repave parking lots & driveway	\$750,000		
3	DA	Update Cat6 cabling	\$125,000		
3	HS	Pool Deck Tile	\$45,000		
3	ATH	Pressbox	\$300,000		
3	ATH	Stadium Parking Lot Lights	\$40,000		
3	H/MS	Flexible Seating	\$500,000		
3	HS	Roof Top Units	\$500,000		
3	NV	Move playground down the hill, pave over existing playground	\$25,000		
			<b>\$3,160,000</b>		
4	All	Security Camera Replacements	\$500,000		
4	MR/MS	Traffic Flow Changes	\$75,000		
4	ATH	Turf Field Replacement	\$700,000		
4	ATH	Track Resurfacing	\$350,000		
4	DA	Insulate DAO roof	\$100,000		
			<b>\$1,725,000</b>		



