



ASHLEY MCGRAW

## Bethlehem CSD - 2021 Capital Project Scope List

8/11/2021

<b>Capital Project Priority Summary (Total Project Costs)</b>		
<b>Building</b>	<b>Total</b>	<b>COMMENTS</b>
EAG	\$ 549,708	
ELS	\$ 863,056	
GLE	\$ 2,753,419	
HAM	\$ 4,611,338	
SLI	\$ 2,567,996	
MS	\$ 10,381,393	
HS	\$ 15,917,904	
TRA	\$ 2,951,680	
O&M	\$ 96,611	
<b>Total:</b>	<b>\$ 40,693,106</b>	

### SOURCES OF FUNDING

<b>Building</b>	<b>APR / ESSER</b>	<b>E-RATE ELIGIBLE</b>
EAG	\$ 133,760	\$ 258,400
ELS	\$ 133,760	\$ 74,480
GLE	\$ 384,408	\$ 114,000
HAM	\$ 676,400	\$ 114,000
SLI	\$ 703,760	\$ 136,800
MS	\$ -	\$ 547,200
HS	\$ 364,800	\$ 820,800
TRA	\$ -	\$ -
O&M	\$ -	\$ -

	<b>APR / ESSER</b>	<b>E-RATE ELIGIBLE</b>
Total:	\$ 2,396,888	\$ 2,065,680

E-Rate Raw Cost (Total / 1.52)	\$ 1,359,000
E-Rate Rebate (40% of Raw Costs)	\$ 543,600



**EAG**

**Bethlehem CSD - 2021 Capital Project Scope List**

Updated 8/11/2021

**Sources of Funding**

\$ 133,760	\$ 258,400
------------	------------

APR / ESSER	E-RATE ELIGIBLE
----------------	--------------------

Ref No.	Item	Scope Description	Project Cost (2023 Bid)
<b>SITE SCOPE</b>			
EAG S-1	Install shade structure	Install 24' x 60' shade structure and concrete pad <b>DISTRICT IDENTIFIED</b>	\$ 133,760
<b>ARCHITECTURAL SCOPE</b>			
EAG A-4	Window Flashing and Caulking	Improve sill flashing and replace old cracked caulking <b>DISTRICT IDENTIFIED</b>	\$ 99,560
EAG A-7	Hardening & Security Main Entrance	Main Entrance hardening & security <b>DISTRICT IDENTIFIED</b>	\$ 11,400
EAG A-9	Ceiling finishes Public Bathrooms	Public Bathroom sheetrock ceilings are failing - Evaluate and replace <b>DISTRICT IDENTIFIED</b>	\$ 11,628
			\$ -
<b>MECHANICAL SCOPE</b>			
			\$ -
<b>PLUMBING SCOPE</b>			
			\$ -
<b>ELECTRICAL SCOPE</b>			
EAG E-2	Clock System	New battery operated Primex clock system	\$ 30,400
EAG E-3	Technology	District-wide Tech Upgrades	\$ 258,400
EAG E-4	Cameras	Add 1 internal camera to focus on downstairs bathrooms.	\$ 4,560
			\$ -

x	
---	--

--	--

--	--

--	--

--	--

--	--

--	--

	x
--	---

--	--

**Total SELECTED CAPITAL PROJECT Scope ► \$ 549,708**



**ELS**

**Bethlehem CSD - 2021 Capital Project Scope List**

Updated 8/11/2021

**Sources of Funding**

\$ 133,760

\$ 74,480

Ref No.	Item	Scope Description	Project Cost (2023 Bid)
<b>SITE SCOPE</b>			
ELS S-1	Playground Expansion	Add 30' x 40' expansion to playground for new climbing structure <b>DISTRICT IDENTIFIED</b>	\$ 30,400
ELS S-2	Install fence	Install fence along Herrick in back & maybe near swing set <b>DISTRICT IDENTIFIED</b>	\$ 18,696
ELS S-3	Drainage improvement	Improve field drainage <b>DISTRICT IDENTIFIED</b>	\$ 53,200
ELS S-4	Install shade structure	Install 24' x 60' shade structure and concrete pad <b>DISTRICT IDENTIFIED</b>	\$ 133,760
			\$ -
<b>ARCHITECTURAL SCOPE</b>			
ELS A-4	Roof replacement	Replace all TPO Roofs <b>DISTRICT IDENTIFIED</b>	\$ 324,277
ELS A-9	Replace wire glazing with 1 hr. rated glass	Replace Second floor corridor double doors and sidelights adjacent to stairs - wire glazing occurs in all 3 separate locations.	\$ 31,008
			\$ -
<b>MECHANICAL SCOPE</b>			
			\$ -
<b>PLUMBING SCOPE</b>			
			\$ -
<b>ELECTRICAL SCOPE</b>			
ELS E-1	Upgrade fire alarm	Upgrade fire alarm devices to include voice communication, CO detector and blue light strobes. (gym, café, exterior) <b>DISTRICT IDENTIFIED</b>	\$ 197,235
ELS E-2	Technology	District-wide Tech Upgrades	\$ 74,480
			\$ -

APR /  
ESSER  
E-RATE  
ELIGIBLE

x

x

**Total SELECTED CAPITAL PROJECT Scope ► \$ 863,056**



GLE

## Bethlehem CSD - 2021 Capital Project Scope List

Updated 8/11/2021

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	Sources of Funding	
				ARP / ESSER	E-RATE ELIGIBLE
<b>SITE SCOPE</b>				\$ 384,408	\$ 114,000
GLE S-1	Storm water management	Extend drainage piping in back field <b>DISTRICT IDENTIFIED</b>	\$ 68,400		
GLE S-2	Sidewalk replacement Main Entry	Replace front sidewalk to fix ponding issue (near main entrance) <b>DISTRICT IDENTIFIED</b>	\$ 19,167		
GLE S-3	Install shade structure	Install 24' x 60' shade structure and concrete pad <b>DISTRICT IDENTIFIED</b>	\$ 133,760	x	
			\$ -		
<b>ARCHITECTURAL SCOPE</b>					
GLE A-6	Masonry repair	Repair masonry on parapets <b>DISTRICT IDENTIFIED</b>	\$ 68,400		
GLE A-7	Roof Fascia	Secure any loose soffit panels. <b>DISTRICT IDENTIFIED</b>	\$ 13,680		
GLE A-8	Door replacement	Front entrance door deterioration <b>DISTRICT IDENTIFIED</b>	\$ 28,287		
GLE A-9	Window treatments	Rooms 01, 01A, 02, 03, 04, 05, 06, 07, 08, 09, and 10. Replace old classroom blinds with shades <b>DISTRICT IDENTIFIED</b>	\$ 80,256		
GLE A-10	Toilet room renovations	Upgrade Intermediate Wing bathrooms <b>DISTRICT IDENTIFIED</b>	\$ 288,800		
GLE A-11	Replace gym wall pads	GYM 58 - Replace old gym wall pads <b>DISTRICT IDENTIFIED</b>	\$ 36,480		
GLE A-12	Upgrade security	Main Entrance hardening & security <b>DISTRICT IDENTIFIED</b>	\$ 273,600		
GLE A-14	Classroom finishes and equipment	Rooms 01, 01A, 02, 03, 04, 05, 06, 07, 08, 09, and 10. New wall covering, paint, whiteboard, tackboard, and closet doors. <b>DISTRICT IDENTIFIED</b>	\$ 157,758		

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	ARP / ESSER	E-RATE ELIGIBLE
GLE A-15	Flooring replacement	Remove old carpet & replace w/ VCT (Rooms 1A, 65, 66, 67, & 68) <b>DISTRICT IDENTIFIED</b>	\$ 25,691		
GLE A-17	Ceiling Replacement	Toilet rooms in Classrooms 01, 01A, 02, 03, and 04. New ceilings and lighting	\$ 2,630		
GLE A-19	Doors RM 58	Reverse gym storage room doors <b>DISTRICT IDENTIFIED</b>	\$ 7,600		
			\$ -		
<b>ARCHITECTURAL - PROGRAM AREAS</b>					
GLE AP-1	Pit Area	Renovate pit areas <b>DISTRICT IDENTIFIED</b>	\$ 83,448	x	
			\$ -		
<b>MECHANICAL SCOPE</b>					
GLE M-3	Roof top unit replacement	Replace gymnasium rooftop unit that is in visibly poor condition with new energy recovery rooftop system that includes ventilation rates to meet current code requirements.	\$ 167,200	x	
GLE M-4	Boiler replacement	Replace 1990 Hot water boilers and plant peripheral equipment.	\$ 836,000		
			\$ -		
<b>PLUMBING SCOPE</b>					
			\$ -		
<b>ELECTRICAL SCOPE</b>					
GLE E-1	Install select exterior lighting	Install 8 exterior lighting wall packs from basketball courts back & around the building <b>DISTRICT IDENTIFIED</b>	\$ 12,160		
GLE E-2	Replace emergency lighting	Replace emergency lighting system w/LEDs <b>DISTRICT IDENTIFIED</b>	\$ 43,776		
GLE E-3	Replace fire alarm system	Replace fire alarm system <b>DISTRICT IDENTIFIED /PREVIOUS 5 YP</b>	\$ 292,326		
GLE E-4	Technology	District-wide Tech Upgrades	\$ 114,000		x
			\$ -		

**Total CAPITAL PROJECT Scope ► \$ 2,753,419**



**HAM**

**Bethlehem CSD - 2021 Capital Project Scope List**

Updated 8/11/2021

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	Sources of Funding	
				ARP / ESSER	E-RATE ELIGIBLE
<b>SITE SCOPE</b>				\$ 676,400	\$ 114,000
HAM S-1	Site drainage	Improve drainage/grading for existing gravel drip strips along southwest side old building	\$ 4,788		
HAM S-2	Asphalt repair	Mill/Fill paved blacktop around building <b>DISTRICT IDENTIFIED</b>	\$ 207,898		
HAM S-3	Curb replacement	Replace portions of damaged/deteriorating curb sections	\$ 7,600		
HAM S-4	Parking lot maintenance	Seal cracks in parking area	\$ 5,016		
HAM S-5	Concrete replacement	Replace deteriorating sidewalks	\$ 39,520		
HAM S-6	Playground equipment	New equipment to replace old rotten wood structure. <b>DISTRICT IDENTIFIED</b>	\$ 86,640		
HAM S-7	Install shade structure	Install 24' x 60' shade structure and concrete pad <b>DISTRICT IDENTIFIED</b>	\$ 133,760	x	
			\$ -		
<b>ARCHITECTURAL SCOPE</b>					
HAM A-5	Secure fascia panels	Secure loose fascia panels. <b>DISTRICT IDENTIFIED</b>	\$ 22,800		
HAM A-7	Metal roof recoating	Re-Coat Metal Roof <b>DISTRICT IDENTIFIED / PREVIOUS 5 YP</b>	\$ 167,960		
HAM A-8	TPO roof replacement	Replace all TPO Roofs <b>DISTRICT IDENTIFIED</b>	\$ 1,583,688		
HAM A-9	Roofs	Add EIFS work at the skylight	\$ 45,600		
HAM A-10	Renovate Toilet Rooms	Rooms 26 , 38, 37, and unisex <b>DISTRICT IDENTIFIED</b>	\$ 44,840		
HAM A-11	Main Entrance hardening	Main Entrance hardening & security <b>DISTRICT IDENTIFIED</b>	\$ 273,600		
HAM A-16	Replace deteriorated casework	Replace deteriorated millwork throughout Classrooms 01, 02, 03, 04 05, 06, 07, 08, 10, 11, 13 and 32A	\$ 169,434		

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	ARP / ESSER	E-RATE ELIGIBLE
HAM A-17	Door replacement	Replace all doors in original wing (they swell in hot weather). Frames to remain, paint frames <b>DISTRICT IDENTIFIED</b>	\$ 36,358		
			\$ -		
<b>PROGRAM AREAS</b>					
HAM AP-1	Renovate Kitchen and Storage	Renovate Kitchen, Storage, and Toilet Room (walls, floors - epoxy, drains, grease traps, ceiling, refresh toilet room, remove lockers add coat hooks, freezers, coolers, grease trap, etc.) <b>DISTRICT IDENTIFIED</b>	\$ 277,035		
HAM AP-2	Pit Area	Renovate pit areas. <b>DISTRICT IDENTIFIED</b>	\$ 109,440	x	
			\$ -		
<b>MECHANICAL SCOPE</b>					
HAM M-1	Ventilation in corridors	It is recommended to provide code required ventilation air to the corridors through new blower coils or unit ventilators.	\$ 91,200	x	
HAM M-2	Rooftop unit replacement Gym	Replace gymnasium rooftop unit that is in visibly poor condition with new energy recovery rooftop system that includes ventilation rates to meet current code requirements.	\$ 152,000	x	
HAM M-3	Rooftop ventilation Classrooms and Library	All classrooms and the library are recommended to be provided with rooftop exhaust fans tied to the unit ventilator outside air rates. The existing corridor relief air system and associated rooftop gravity relief ventilators could then be removed.	\$ 190,000	x	
HAM M-6	Install AC split system	It is recommended that a split system cooling unit be provided for the IT data rack	\$ 12,160		
HAM M-7	Boiler replacement	Replace 1987 Hot water boilers and plant peripheral equipment.	\$ 836,000		
			\$ -		
<b>PLUMBING SCOPE</b>					
			\$ -		
<b>ELECTRICAL SCOPE</b>					
HAM E-2	Technology	District-wide Tech Upgrades	\$ 114,000		x
			\$ -		

**Total SELECTED CAPITAL PROJECT Scope ► \$ 4,611,338**



SLI

**Bethlehem CSD - 2021 Capital Project Scope List**

Updated 8/11/2021

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	Sources of Funding	
				ARP / ESSER	E-RATE ELIGIBLE
<b>SITE SCOPE</b>				\$ 703,760	\$ 136,800
SLI S-2	Stairs	Replace stairs and sidewalk at Union Ave. building entrance	\$ 33,440		
SLI S-3	Paving	Replace asphalt walks from building to playground	\$ 14,364		
SLI S-4	Install shade structure at Playground	Install 24' x 60' shade structure and concrete pad at playground <b>DISTRICT IDENTIFIED</b>	\$ 133,760	x	
SLI S-5	Stairs	Evaluate deteriorating front stairs <b>DISTRICT IDENTIFIED</b>	\$ 83,600		
			\$ -		
<b>ARCHITECTURAL SCOPE</b>					
SLI A-4	Window balance springs	38 windows at primary wing need new balance spring packs <b>DISTRICT IDENTIFIED</b>	\$ 28,880		
SLI A-5	Install gutter Rear Canopy	Rear Canopy - install gutters <b>DISTRICT IDENTIFIED</b>	\$ 4,560		
SLI A-6	Prep and paint railings Union Ave Canopy	Union Ave Canopy - scrape, patch & paint underside and railings; install gutter to redirect scupper <b>DISTRICT IDENTIFIED</b>	\$ 7,600		
SLI A-7	Exterior Windows	Eval window wall near living room for rot - replace with new storefront <b>DISTRICT IDENTIFIED</b>	\$ 33,341		
SLI A-10	Soffit panel replacement	Review of Soffit panels per Bob Courts voice message 5/4/20. Re-secure any loose panels. <b>DISTRICT IDENTIFIED</b>	\$ 22,800		
SLI A-11	Main Entrance hardening	Main Entrance hardening & security <b>DISTRICT IDENTIFIED</b>	\$ 19,192		



Ref No.	Item	Scope Description	Project Cost (2023 Bid)	ARP / ESSER	E-RATE ELIGIBLE
SLI A-13	Ceiling replacement	Install drop ceiling in Toilet Rooms 43 and 46 for noise reduction. <b>DISTRICT IDENTIFIED</b>	\$ 15,200		
SLI A-14	Ceiling	Install ACT ceilings and gyp bulkheads in Basement outside of Classrooms	\$ 22,800		
SLI A-16	Door replacement	Replace solid doors with 1/4 lite wood doors (Rooms B11, B4, B3, 45, 28, 31, 32 & 33) <b>DISTRICT IDENTIFIED</b>	\$ 38,608		
SLI A-17	Install door hold opens	Install magnetic hold-opens on kitchen doors, gym doors, stage doors, custodian door <b>DISTRICT IDENTIFIED</b>	\$ 9,728		
SLI A-18	Replace wire glazing	Replace wire glazing in doors and sidelight at top of stairs S-1. (Adjacent to Fac. Room 1)	\$ 24,092		
SLI A-19	Doors	Replace Doors into Classrooms 1-11, and Library.	\$ 28,956		
			\$ -		
<b>ARCHITECTURAL - PROGRAM AREAS</b>					
SLI AP-1	Classroom Renovations	Renovate basement classrooms (B1, B3, B4 and B11) <b>DISTRICT IDENTIFIED</b>	\$ 455,787		
SLI AP-2	Cafeteria renovation	Renovate cafeteria & kitchen (floors, ceiling, acoustics, serving, storage, garbage disposal) <b>DISTRICT IDENTIFIED</b>	\$ 819,888		
			\$ -		
<b>MECHANICAL SCOPE</b>					
SLI M-1	UVs	Replace ELC Unit Ventilators or ductwork to reduce machine/airflow noise Rms B7-B10, B14-B16 ELC	\$ 152,000	x	
SLI M-2	Ventilation	ELC common area RM 26, Air handling units are extremely noisy and the space has poor airflow circulation.	\$ 228,000	x	
SLI M-5	Replace Café Ahu	Replace Cafeteria roof-top Air Handling Unit (AHU)	\$ 190,000	x	
			\$ -		
<b>PLUMBING SCOPE</b>					
SLI-P1	Replace water lines	Replace domestic hot and cold water piping in Union Ave Wing	\$ 57,000		

Ref No.	Item	Scope Description	Project Cost (2023 Bid)
			\$ -
<b>ELECTRICAL SCOPE</b>			
SLI E-2	Technology	District-wide Tech Upgrades	\$ 136,800
SLI E-3	Cameras	Add 1 exterior camera to cover boiler room entrance Costs covered by Federal E-Rate funds	\$ 7,600
			\$ -

ARP / ESSER	E-RATE ELIGIBLE
	x

**Total SELECTED CAPITAL PROJECT Scope ► \$ 2,567,996**



MS

## Bethlehem CSD - 2021 Capital Project Scope List

Updated 8/11/2021

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	Sources of Funding	
				APR / ESSER	E-RATE ELIGIBLE
				-	\$ 547,200
				\$	\$
<b>SITE SCOPE</b>					
MS S-1	Refurbish parking lot	Mill/top parking areas with select areas of full depth replacement	\$ 894,748		
MS S-2	Refurbish parking lot	Replace portion of sidewalk being undermined by storm run-off	\$ 10,640		
MS S-3	New Sidewalk Pavilion	Pave path to the Pavilion <b>PREVIOUS 5 YP</b>	\$ 10,640		
MS S-4	New Sidewalk Cafeteria	Site - Add sidewalk outside Cafeteria <b>DISTRICT IDENTIFIED</b>	\$ 24,320		
MS S-5	Replace sidewalk Adjacent to Rm 1075	Sidewalk going to behind stage is spalled & patched. Possibly replace <b>DISTRICT IDENTIFIED</b>	\$ 11,742		
MS S-6	Selective sidewalk replacement	Replace area of deteriorating sidewalk/landing, replace railing, replace foundation	\$ 38,000		
MS S-7	New Sidewalk Pool	Add new side walk at pool service entrance	\$ 3,800		
MS S-8	Renovate tennis courts	Remove and replace asphalt, remove and replace fencing. Provide windscreens for fencing, new play surface, and new equipment	\$ 869,473		
MS S-9	Multipurpose field work	Site - Add bleacher pads, irrigation, etc. <b>DISTRICT IDENTIFIED /PREVIOUS 5 YP</b>	\$ 258,400		
MS S-10	Site drainage	Site - Evaluate and repair drainage - flooding in lower level during large weather events <b>DISTRICT IDENTIFIED</b>	\$ 334,400		
MS S-11	Site lighting Parking lot	Evaluate and increase lighting level in parking lot <b>DISTRICT IDENTIFIED</b>	\$ 91,200		
			\$ -		
			\$ -		

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	APR / ESSER	E-RATE ELIGIBLE
<b>ARCHITECTURAL SCOPE</b>					
MS A-3	Wall louvers Exterior	Replace several select exterior metal louvers	\$ 7,600		
MS A-4	Masonry restoration	High Priority repointing. Exterior at stage, etc.	\$ 22,800		
MS A-5	Masonry restoration	Fill-in voids/holes at various locations throughout exterior masonry walls.	\$ 3,648		
MS A-6	Masonry restoration	Repoint brick at various locations throughout exterior masonry walls.	\$ 102,600		
MS A-7	EIFS Damage	Lower GYM Birds in the EIFS, Tech rooms EIFS Replacement (2 Panels). Replace/Repair	\$ 33,136		
MS A-9	Window balance springs	45 windows need new balance spring packs	\$ 34,200		
MS A-13	Replace all TPO roofing	Replace all TPO Roofs with single ply roof membrane, new 6" insulation and dens deck. Install perimeter metal. <b>DISTRICT IDENTIFIED</b>	\$ 2,020,080		
MS A-17	Tile repointing corridors	Hallway (C013 C106B, C105, C113) tile needs re-pointing <b>DISTRICT IDENTIFIED</b>	\$ 3,192		
MS A-19	Corridor wall infill	Art room 134 remove glazing in corridor provide 1 hr. rated wall construction. Remove terrazzo plinth in classroom and provide resilient flooring to match	\$ 8,208		
MS A-24	Tech Rooms - Flooring	Rooms 039, 043, 045, 051: Repair/Refinish existing wood floor. Room 41: Remove VCT and undelaying wood floor down to concrete, level floor (+/-2"), install VCT <b>DISTRICT IDENTIFIED</b>	\$ 63,658		
MS A-36	Display case glazing	C106B replace display case glazing with tempered glazing	\$ 1,947		
MS A-41	Provide new door and frame Electrical room 0090	Install new door and frame.	\$ 3,078		

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	APR / ESSER	E-RATE ELIGIBLE
MS A-44	Rated corridor walls Corridor C106B	Replace non rated wood doors, wood sidelights and wood transom.	\$ 6,452		
			\$ -		
<b>ARCHITECTURAL - PROGRAM AREAS</b>					
MS AP-1	Auditorium Renovation	Auditorium/Stage/Balcony - Full renovation <b>DISTRICT IDENTIFIED</b>	\$ 2,484,063		
MS AP-2	Relocate FACs Rooms	FACs Rooms - Renovate rooms 150, 150A, 146, 147 and 148 to make a more functional program <b>DISTRICT IDENTIFIED</b>	\$ 517,454		
MS AP-3	Library renovation	Renovate to modernize Library <b>DISTRICT IDENTIFIED</b>	\$ 802,408		
MS AP-4	Kitchen Prep space Rm 0030	Kitchen requires more prep area. Relocate 3 bay sink, add prep table <b>DISTRICT IDENTIFIED</b>	\$ 15,200		
MS AP-5	Tech shop rooms	Rooms 037,039, 045 Paint Rooms, Install Exhaust System <b>DISTRICT IDENTIFIED</b>	\$ 42,560		
MS AP-6	Digital Classrooms	Renovate RM 125, 127 and 129 to be 2 digital classrooms. <b>DISTRICT IDENTIFIED</b>	\$ 319,200		
MS AP-7	RM 021 Renovations (Old FACs)	Turn into Staff Lounge - New finishes and casework thought <b>DISTRICT IDENTIFIED</b>	\$ 135,970		
			\$ -		
<b>MECHANICAL SCOPE</b>					
MS M-1	Boiler replacement RM 0081	Summer boiler replacement <b>PREVIOUS 5 YP</b>	\$ 68,400		
MS M-2	Replace combustion air damper Rm 0081	Replace combustion air system damper arrangement	\$ 15,200		

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	APR / ESSER	E-RATE ELIGIBLE
MS M-4	Dust collection systems Rms 039 and 045	Refurbish dust collection systems	\$ 38,000		
MS M-8	Insulate piping Main Office and Nurse Area	Provide jacketed insulation to condensate piping.	\$ 7,600		
			\$ -		
<b>PLUMBING SCOPE</b>					
			\$ -		
<b>ELECTRICAL SCOPE</b>					
MS E-1	Site Power	Add power service to the site pavilion	\$ 7,600		
MS E-2	Generator Upgrades	Generator additions and upgrades to add room to emergency support	\$ 152,000		
MS E-3	New Generator for walk in cooler and freezer	New generator for walk-in freezer and cooler	\$ 152,000		
MS E-5	Exterior Clocks and Lighting	Replace exterior clock wiring and lighting	\$ 30,400		
MS E-6	Technology	District-wide Tech Upgrades	\$ 547,200		x
MS E-7	Cameras	Add 3 exterior cameras: Play Field, Football Field and Tennis Courts / Basketball Courts. 64 replacement cameras	\$ 188,176		
			\$ -		

**Total SELECTED CAPITAL PROJECT Scope ► \$ 10,381,393**



**HS**

**Bethlehem CSD - 2021 Capital Project Scope List**

Updated 8/11/2021

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	Sources of Funding	
				ARP / ESSER	E-RATE ELIGIBLE
<b>SITE SCOPE</b>				\$ 364,800	\$ 820,800
HS S-3	Front main parking lot	Mill and fill front main parking lot asphalt - restripe <b>DISTRICT IDENTIFIED</b>	\$ 998,146		
HS S-4	Sidewalks at Front of Building	Replace front sidewalks (including islands) and expand sidewalk for additional bikes, replace 4 uprights <b>DISTRICT IDENTIFIED</b>	\$ 254,524		
HS S-5	Scoreboards	Install scoreboards for Varsity Baseball and Varsity Softball <b>DISTRICT IDENTIFIED</b>	\$ 98,800		
HS S-6	Perimeter Fence Stadium	Replace old galvanized fence around stadium & track and field <b>DISTRICT IDENTIFIED</b>	\$ 85,774		
HS S-7	Chain link fence Varsity Softball Field	Install chain link fence around Varsity Softball field and remove 6x6s Along left field line <b>DISTRICT IDENTIFIED</b>	\$ 76,000		
HS S-8	Track	Track and Field Event Areas - Recoating <b>DISTRICT IDENTIFIED</b>	\$ 595,840		
HS S-9	Batting Cage Varsity Baseball	Provide Varsity Baseball Batting Cage <b>DISTRICT IDENTIFIED</b>	\$ 57,760		
HS S-10	Concrete bleacher pads Field Hockey	Field Hockey Bleacher Pad <b>PREVIOUS 5 YP</b>	\$ 16,416		
HS S-11	Dugouts Varsity Softball field	Install dugouts at Varsity Softball <b>DISTRICT IDENTIFIED</b>	\$ 380,000		
HS S-12	Batting Cage for Softball	Varsity Softball Batting Cage, ideally along third base line.	\$ 57,760		

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	ARP / ESSER	E-RATE ELIGIBLE
HS S-13	Stadium Pavilion	Install 40 x 45' pavilion and concrete pad. Clean up landscape in the area. <b>DISTRICT IDENTIFIED</b>	\$ 182,400	x	
			\$ -		
<b>ARCHITECTURAL SCOPE</b>					
HS A-12	Storefront and Doors	Replace non-function doors and associated storefront at Gym A exit <b>DISTRICT IDENTIFIED</b>	\$ 22,618		
HS A-13	Exterior Doors	D124 and 126 door, lintel, brick, and repointing.	\$ 13,771		
HS A-14	Exterior Doors	Replace exterior door and frame at A129 <b>DISTRICT IDENTIFIED</b>	\$ 7,266		
HS A-15	Roof replacement	Replace all TPO Roofs with single ply roof membrane, new 6" insulation and dens deck. Install perimeter metal. <b>DISTRICT IDENTIFIED</b>	\$ 1,730,064		
HS A-22	Provide rated walls and door Rm D224A	D224A Kiln Room extend walls to deck, install rated door and frame.	\$ 5,776		
HS A-23	Corridor rated wall D208	Rm D208 remove glazing and frame in corridor and infill with rated wall.	\$ 3,800		
HS A-24	Toilet room renovations	Renovate Gang toilet rooms G164 and G166 <b>PREVIOUS 5 YP</b>	\$ 148,656		
HS A-25	FACS Abatement Rm D124	Abate and replace FACS Room floor <b>DISTRICT IDENTIFIED</b>	\$ 28,424		
HS A-26	ACM remove suspected	Suspected VAT in Computer server rooms and storage rooms A wing Room adjacent to A10, RM A128 and room adjacent to A101.	\$ 8,631		
HS A-27	Floor finishes RM A103	Earth Science Classroom A 103 replace flooring	\$ 11,260		
HS A-28	Floor finish Rms B118 and B119	Suspected VAT in Rooms B118 Closet and B119 Jan Closet	\$ 9,044		
HS A-29	Floor finish RM C100	C100 Special Ed repair/replace vinyl tile flooring	\$ 6,348		
HS A-30	Floor finish Rms adjacent to Rm C119	Suspected VAT in 3 rooms connected above File room C119.	\$ 7,752		



Ref No.	Item	Scope Description	Project Cost (2023 Bid)	ARP / ESSER	E-RATE ELIGIBLE
HS A-31	Floor finishes D-Wing	Remove suspected VAT flooring and replace with new vinyl flooring. D521, D210, D211, D212, D214, D216, D222 , D223, D224 , D225, 224A, D226 and D248	\$ 299,866		
HS A-32	Floor finishes Rm F105	Rm F105 Auto Shop add epoxy floor <b>DISTRICT IDENTIFIED</b>	\$ 21,523		
HS A-33	Floor finishes	Front custodial entrance - Pour slab and epoxy floor <b>DISTRICT IDENTIFIED</b>	\$ 3,800		
HS A-34	Soffit replacement Gym B	Gym B Rm G104 Soffit abatement and replacement <b>PREVIOUS 5 YP</b>	\$ 276,701		
HS A-36	Replace display case Rm F157	Replace display cabinet near Café Rm F157 <b>DISTRICT IDENTIFIED</b>	\$ 5,130		
HS A-37	Display Case RM F160	Add display cases in the D/E Wing hallway transition <b>DISTRICT IDENTIFIED</b>	\$ 112,480		
HS A-39	Non rated Glazing Stair S-D2-2 and S-D3-2	Replace Stair doors S-D2-2. Replace door and frame S-D3-3 Sidelight glazing appears to be non rated	\$ 38,952		
HS A-40	Gym A Rm G101 Equipment replacement	Gym A Rm G101 - Replace Bleachers, Hoops, Wall Pads, Acoustic Panels, Repaint Walls and Ceiling, Replace double doors. <b>DISTRICT IDENTIFIED</b>	\$ 313,014		
HS A-41	Windows D and E wing 1st floor	Add windows film to control direct sunlight. East and South facades. Rooms are humid and warm in warmer months.	\$ 24,320		
			\$ -		
<b>PROGRAM AREAS</b>					
HS AP-1	Turf, lighting, and bleachers Field 2	Field 2 - Install Turf, lighting, bleachers and flag pole <b>DISTRICT IDENTIFIED</b>	\$ 5,250,000		
HS AP-2	Canopy Structure - Cafeteria	Canopy structure for patio outside cafeteria <b>DISTRICT IDENTIFIED</b>	\$ 182,400	x	
HS AP-3	Main Office / Admin Office	Relocate Main office, make old Main Office the Admin Office.	\$ 456,000		

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	ARP / ESSER	E-RATE ELIGIBLE
HS AP-4	Wood Shop F107	Dust Collection System. Replace/add equipment: (2) bandsaws, (1) disc sander, (1) Jointer/Planer, (1) CNC Router. Replace existing old portable eyewash station with new permanent plumbed eyewash station <b>DISTRICT IDENTIFIED</b>	\$ 197,600		
HS AP-5	Auto Shop F105	Replace equipment: Casting furnace and hood, vertical mill. Replace shop sink and drainage <b>DISTRICT IDENTIFIED</b>	\$ 22,800		
			\$ -		
<b>MECHANICAL SCOPE</b>					
HS M-1	Kiln exhaust Rm D224	It is recommended that it be replaced with a smaller, more efficient kiln exhaust fan and duct system.	\$ 12,160		
HS M-2	Air Conditioning Rm G100	Install air conditioning and reduce ventilation noise in G100 <b>DISTRICT IDENTIFIED</b>	\$ 76,000		
HS M-5	HVAC Rms G122 to G127	It is recommended that the fin tube and fan coil units be removed, a small rooftop energy recovery ventilator be provided for ventilation to these spaces and new horizontal 4-pipe fan coil units be provided that can both heat and cool.	\$ 190,000		
			\$ -		
<b>PLUMBING SCOPE</b>					
HS P-1	Dishwasher Rm F167	Connect old dishwasher room to grease trap - not directly to sanitary sewer line <b>DISTRICT IDENTIFIED</b>	\$ 15,200		
HS P-2	Sump pump Rm G16	Replace sump pump G wing mechanical room.	\$ 22,800		
HS P-3	Drain lines Rm G16	Clean below slab floor drain piping	\$ 7,600		
HS P-5	Janitor G3 - Sewage Pit	Rework and refit sewage pit with new contained tank-style pit. Pump and controller	\$ 45,600		
			\$ -		
<b>ELECTRICAL SCOPE</b>					
HS E-3	G100 Lighting	Replace (12) T5HO dimmable fixtures with LED fixtures	\$ 18,240		

Ref No.	Item	Scope Description	Project Cost (2023 Bid)
HS E-4	Generator Upgrades	Generator additions and upgrades to add room to emergency support	\$ 205,200
HS E-5	Fire alarm	Fire Alarm replacement <b>DISTRICT IDENTIFIED</b>	\$ 2,189,955
HS E-6	Scoreboards Gym B	Gym B - replace scoreboards and shot clocks <b>DISTRICT IDENTIFIED</b>	\$ 47,120
HS E-7	Pool sound system RM G102	Pool sound system <b>PREVIOUS 5 YP</b>	\$ 45,600
HS E-9	Technology	District-wide Tech Upgrades	\$ 820,800
HS E-10	Cameras	Cameras. 2 Interior: Café pointing north & Kitchen Survery. 3 Exterior: 1 camera per courtyard. 69 camera replacements	\$ 210,216
			\$ -

ARP / ESSER	E-RATE ELIGIBLE
	x

**Total SELECTED CAPITAL PROJECT Scope ► \$ 15,917,904**



**TRA**

**Bethlehem CSD - 2021 Capital Project Scope List**

Updated 8/11/2021

Ref No.	Item	Scope Description	Project Cost (2023 Bid)	Sources of Funding	
				APR / ESSER	E-RATE ELIGIBLE
			\$	\$	
<b>SITE SCOPE</b>					
TRA S-1	Fuel Pumps	Transportation Fuel Island and Equipment replacement <b>DISTRICT IDENTIFIED</b>	\$ 114,000		
			\$ -		
<b>ARCHITECTURAL SCOPE</b>					
			\$ -		
<b>PROGRAM AREAS</b>					
TRA AP-1	Offices - Rebuild Addition	Demolish 850sf office addition, rebuild 1,100sf addition	\$ 765,320		
			\$ -		
<b>MECHANICAL SCOPE</b>					
TRA M-2	Replace Boiler	Replace oversized steam boiler with smaller hot water boiler and re-pipe.	\$ 45,600		
TRA M-3	Install back-up air compressor	Transportation Department Back-up Air Compressor <b>DISTRICT IDENTIFIED</b>	\$ 38,000		
			\$ -		
<b>PLUMBING SCOPE</b>					
			\$ -		
<b>ELECTRICAL SCOPE</b>					
TRA E-1	Cameras Replacements	Replace 19 existing Cisco Cameras and add 1 interior camera at parts bin	\$ 91,200		
TRA E-2	Technology	District-wide Tech Upgrades	\$ 42,560		
TRA E-3	Bus Electric	Infrastructure, Equipment, and Utility Costs.	\$ 1,855,000		
			\$ -		

**Total SELECTED CAPITAL PROJECT Scope ► \$ 2,951,680**



### O&M

## Bethlehem CSD - 2021 Capital Project Scope List

Updated 8/11/2021

Sources of Funding	
.	.
\$	\$
ARP / ESSER	E-RATE ELIGIBLE

Ref No.	Item	Scope Description	Project Cost (2023 Bid)
<b>SITE SCOPE</b>			
			\$ -
<b>ARCHITECTURAL SCOPE</b>			
OM A-2	Exterior door replacement	Replace corroding exterior metal doors	\$ 15,747
			\$ -
<b>MECHANICAL SCOPE</b>			
			\$ -
<b>PLUMBING SCOPE</b>			
			\$ -
<b>ELECTRICAL SCOPE</b>			
OM E-1	Electrical panel replacement	Upgrade electric panels at O&M. Install 3 new 42 circuit panels in existing locations <b>DISTRICT IDENTIFIED</b>	\$ 45,600
OM E-2	Cameras	Replace 6 existing Cisco Cameras	\$ 15,504
OM E-3	Technology	District-wide Tech Upgrades	\$ 19,760
			\$ -


**Total SELCTED CAPITAL PROJECT Scope ► \$ 96,611**