



ASHLEY MCGRAW

Bethlehem CSD

4/13/2021

Capital Project Priority Summary (Total Project Costs)

	125	44	74	71		
Building	High Priority	Medium-High Priority	Medium Priority	Low Priority	Total	COMMENTS
EAG	\$ 545,148	\$ -	\$ 804,384	\$ 961,917	\$ 2,311,449	
ELS	\$ 657,400	\$ 71,896	\$ 456,760	\$ 222,923	\$ 1,408,979	
GLE	\$ 2,254,677	\$ 220,251	\$ 715,966	\$ 51,802	\$ 3,242,695	
HAM	\$ 3,763,718	\$ 647,816	\$ 455,012	\$ 404,250	\$ 5,270,796	
SLI	\$ 2,210,021	\$ 125,096	\$ 1,394,375	\$ 88,540	\$ 3,818,032	
MS	\$ 8,880,360	\$ 435,784	\$ 2,332,432	\$ 1,537,559	\$ 13,186,135	
HS	\$ 13,571,413	\$ 1,352,309	\$ 1,047,432	\$ 533,064	\$ 16,504,218	
TRA	\$ 1,078,440	\$ -	\$ 156,674	\$ 281,200	\$ 1,516,314	
O&M	\$ 51,011	\$ 45,600	\$ -	\$ 15,200	\$ 111,811	
Total:	\$ 33,012,187	\$ 2,898,752	\$ 7,363,035	\$ 4,096,455	\$ 47,370,429	

The above budgetary construction costs INCLUDE "soft" or incidental costs, which are described in detail below

TYPICAL ANTICIPATED SOFT COSTS FOR A CAPITAL PROJECT INCLUDE:

Design Contingency 11% Includes HAZMAT Contingency at 1%

Construction Contingency 10%

Incidentals (Soft Costs) 20%

- Architectural/ Engineering Professional Services
- Construction Administration - Construction Manager, Clerk-of-Works, etc..
- Soils, Surveys, Testing and Monitoring
- Furniture/ Fixtures/ Equipment (FF&E)
- Legal Fees
- Insurances
- Bonding Costs
- Printing and Reproduction Expenses
- Other

Escalation Factor (Inflation) 11%

These estimates are general in nature and should be used for budget planning purposes only. They are based on anticipated 2020 unit prices and cost indices and should be adjusted for unusual inflation and other market-driven fluctuations.



EAG

Bethlehem CSD

Updated 4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
SITE SCOPE						
EAG S-1	57	H	Install shade structure at Playground	Install 24' x 60' shade structure and concrete pad at playground DISTRICT IDENTIFIED		\$ 133,760
						\$ -
ARCHITECTURAL SCOPE						
EAG A-1	66	L	Exterior Masonry restoration	Clean-up efflorescence on exterior masonry walls, in various locations.		\$ 608
EAG A-2	66	L	Exterior Masonry restoration	Clean-up water stains off exterior masonry walls, in various locations.		\$ 608
EAG A-3	66	L	Exterior Masonry restoration	Repoint concrete masonry unit and repair water damage		\$ 25,992
EAG A-4	72	H	Window Flashing and Caulking	Improve sill flashing and replace old cracked caulking DISTRICT IDENTIFIED		\$ 99,560
EAG A-5	72	M	Window Treatment	Replace old classroom blinds with shades DISTRICT IDENTIFIED		\$ 114,000
EAG A-6	73	L	Roof replacement All TPO Roofs	Replace all TPO Roofs DISTRICT IDENTIFIED		\$ 930,149
EAG A-7	75	H	Hardening & Security Main Entrance	Main Entrance hardening & security DISTRICT IDENTIFIED		\$ 11,400
EAG A-8	77	M	Floor finish Various locations	Replace cracked/missing floor tiles(s) in various locations.		\$ 1,824
EAG A-9	80	H	Ceiling finishes Public Bathrooms	Public Bathroom sheetrock ceilings are failing - Evaluate and replace DISTRICT IDENTIFIED		\$ 11,628
						\$ -
MECHANICAL SCOPE						
EAG M-1	89	L	Water stains	Evaluate fittings and valves on boiler room pipping. Reinsulate pipping.		\$ 4,560
						\$ -

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
PLUMBING SCOPE						
						\$ -
ELECTRICAL SCOPE						
EAG E-1	107	M	Fire Alarm	Upgrade fire alarm devices to include voice communication, CO detection and blue light strobes. (requested at gym, café and exterior) DISTRICT IDENTIFIED		\$ 688,560
EAG E-2	109	H	Clock System	New battery operated Primex clock system		\$ 30,400
EAG E-3	109	H	Technology	District-wide Tech Upgrades		\$ 258,400
						\$ -

6	H	Total HIGH Priority CAPITAL PROJECT Scope▶	\$ 545,148
0	MH	Total MEDIUM HIGH Priority CAPITAL PROJECT Scope▶	\$ -
3	M	Total MEDIUM Priority CAPITAL PROJECT Scope▶	\$ 804,384
5	L	Total LOW Priority CAPITAL PROJECT Scope▶	\$ 961,917
Total CAPITAL PROJECT Scope▶			\$ 2,311,449



ELS

Bethlehem CSD

Updated 4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
SITE SCOPE						
ELS S-1	57	H	Playground Expansion	Add 30' x 40' expansion to playground for new climbing structure DISTRICT IDENTIFIED		\$ 30,400
ELS S-2	58	MH	Install fence	Install fence along Herrick in back & maybe near swing set DISTRICT IDENTIFIED		\$ 18,696
ELS S-3	58	MH	Drainage improvement	Improve field drainage DISTRICT IDENTIFIED		\$ 53,200
						\$ -
ARCHITECTURAL SCOPE						
ELS-A-1	66	L	Masonry restoration	Masonry restoration PREVIOUS 5 YP		\$ 206,720
ELS A-2	72	M	Window Balance Springs	Windows - RMS 1, 2 and 3 windows need new balance spring packs DISTRICT IDENTIFIED		\$ 5,700
ELS A-3	72	M	Window Blinds	Replace old classroom blinds with shades DISTRICT IDENTIFIED		\$ 91,200
ELS A-4	73	H	Roof replacement	Replace all TPO Roofs DISTRICT IDENTIFIED		\$ 324,277
ELS A-5	73	L	Canopy	Add Canopy over stir from gym		\$ 15,200
ELS A-6	73	M	Replace roof vent / caps	Replace several corroded metal roof vents		\$ 7,600
ELS A-7	75	M	Classroom Toilet Room Finishes	Classroom 16 & 17 Bathroom Upgrades DISTRICT IDENTIFIED		\$ 152,000
ELS A-8	77	M	ACM removal Crawl Space	Crawlspace decontamination and Media Center back lower room VAT PREVIOUS 5 YP		\$ 127,102
ELS A-9	82	H	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
ELS A-10	82	L	Wire glass replacement Café doors.	Café doors - wire glazing. Newer doors and hardware (Glass approx. 8"x48")		\$ 1,003
ELS A-11	82	M	Replace doors or Install door closures	Provide missing door closures on Classrooms doors from corridor. Classrooms 1, 2, 3, 15 and OT/PT 8B		\$ 36,678

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
ELS A-12	84	M	Stage Lift RM 58	Stage Lift PREVIOUS 5 YP		\$ 27,360
						\$ -
MECHANICAL SCOPE						
						\$ -
PLUMBING SCOPE						
ELS P-1	96	M	Replace sump	Replace boiler room sump pump and associated outlet that is in poor condition and leaking.		\$ 9,120
						\$ -
ELECTRICAL SCOPE						
ELS E-1	107	H	Upgrade fire alarm	Upgrade fire alarm devices to include voice communication, CO detector and blue light strobes. (gym, café, exterior) DISTRICT IDENTIFIED		\$ 197,235
ELS E-2	109	H	Technology	District-wide Tech Upgrades		\$ 74,480
						\$ -

5	H	Total HIGH Priority CAPITAL PROJECT Scope▶	\$ 657,400
2	MH	Total MEDIUM HIGH Priority CAPITAL PROJECT Scope▶	\$ 71,896
8	M	Total MEDIUM Priority CAPITAL PROJECT Scope▶	\$ 456,760
3	L	Total LOW Priority CAPITAL PROJECT Scope▶	\$ 222,923
Total CAPITAL PROJECT Scope▶			\$ 1,408,979



GLE

Bethlehem CSD

Updated 4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
SITE SCOPE						
GLE S-1	44	MH	Storm water management	Extend drainage piping in back field DISTRICT IDENTIFIED		\$ 68,400
GLE S-2	56	H	Sidewalk replacement Main Entry	Replace front sidewalk to fix ponding issue (near main entrance) DISTRICT IDENTIFIED		\$ 19,167
GLE S-3	60	H	Install shade structure at Playground	Install 24' x 60' shade structure and concrete pad at playground DISTRICT IDENTIFIED		\$ 133,760
						\$ -
						\$ -
						\$ -
ARCHITECTURAL SCOPE						
GLE A-1	66	M	Masonry restoration	Clean-up efflorescence on exterior masonry walls, in various locations.		\$ 6,080
GLE A-2	66	L	Masonry restoration	Replace cracked/missing bricks in several spots throughout exterior walls		\$ 1,642
GLE A-3	66	M	Masonry restoration	Repoint masonry in several spots throughout exterior walls		\$ 20,520
GLE A-4	66	M	Exterior metal wall panels	Replace several deteriorated exterior wall panels		\$ 30,780
GLE A-5	66	M	Exterior wall panels	Replace/repair damaged or missing metal trim in various spots throughout exterior panel walls.		\$ 2,280
GLE A-6	68	MH	Masonry repair	Repair masonry on parapets DISTRICT IDENTIFIED		\$ 68,400
GLE A-7	68	H	Roof Fascia	Secure any loose soffit panels. DISTRICT IDENTIFIED		\$ 13,680
GLE A-8	69	H	Door replacement	Front entrance door deterioration DISTRICT IDENTIFIED		\$ 28,287
GLE A-9	72	M	Window treatments	Replace old classroom blinds with shades DISTRICT IDENTIFIED		\$ 166,866
GLE A-10	75	H	Toilet room renovations	Upgrade Intermediate Wing bathrooms DISTRICT IDENTIFIED		\$ 288,800
GLE A-11	75	H	Replace gym wall pads	GYM 58 - Replace old gym wall pads DISTRICT IDENTIFIED		\$ 36,480
GLE A-12	75	H	Upgrade security	Main Entrance hardening & security DISTRICT IDENTIFIED		\$ 273,600

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
GLE A-13	75	L	Interior painting	Patch, prep & paint GWB walls in several spots/locations		\$ 4,560
GLE A-14	77	MH	Flooring replacement	Remove old carpet & replace w/ VCT (Rooms 1A, 65, 66, 67, & 68) DISTRICT IDENTIFIED		\$ 25,691
GLE A-15	77	M	Flooring replacement	Replace/repair damaged flooring in various locations. RM 18A		\$ 7,600
GLE A-16	81	M	Millwork replacement	Classroom millwork is starting to deteriorate/delaminate in various locations.		\$ 18,240
GLE A-17	82	H	Doors RM 58	Reverse gym storage room doors DISTRICT IDENTIFIED		\$ 7,600
						\$ -
						\$ -
						\$ -
ARCHITECTURAL - PROGRAM AREAS						
GLE AP-1	-	MH	Pit Area	Renovate/repurpose pit areas DISTRICT IDENTIFIED		\$ 45,600
						\$ -
						\$ -
						\$ -
MECHANICAL SCOPE						
GLE M-1	90	M	Install exhaust fans	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
GLE M-2	90	M	Replace unit ventilators	It is recommended that the unit ventilators be replaced or a new heating and ventilation system be provided that will be better acoustically and provide better ventilation and heat to the spaces.		\$ 273,600
GLE M-3	93	H	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
GLE M-4	98	H	Boiler replacement	Replace 1990 Hot water boilers and plant peripheral equipment.		\$ 836,000
						\$ -
						\$ -
						\$ -
PLUMBING SCOPE						
GLE P-1	100	L	Replace water bubblers in classrooms	It is recommended to replace the existing sink/fountain units with sinks that include bubbler stations separated by 6".		\$ 45,600
						\$ -
						\$ -
						\$ -

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
ELECTRICAL SCOPE						
GLE E-1	104	MH	Install select exterior lighting	Install 8 exterior lighting wall packs from basketball courts back & around the building DISTRICT IDENTIFIED		\$ 12,160
GLE E-2	105	H	Replace emergency lighting	Replace emergency lighting system w/LEDs DISTRICT IDENTIFIED		\$ 43,776
GLE E-3	107	H	Replace fire alarm system	Replace fire alarm system DISTRICT IDENTIFIED /PREVIOUS 5 YP		\$ 292,326
GLE E-4	109	H	Technology	District-wide Tech Upgrades		\$ 114,000
						\$ -
						\$ -
						\$ -

13	H	Total HIGH Priority CAPITAL PROJECT Scope▶	\$ 2,254,677
5	MH	Total MEDIUM HIGH Priority CAPITAL PROJECT Scope▶	\$ 220,251
9	M	Total MEDIUM Priority CAPITAL PROJECT Scope▶	\$ 715,966
3	L	Total LOW Priority CAPITAL PROJECT Scope▶	\$ 51,802
Total CAPITAL PROJECT Scope▶			\$ 3,242,695



HAM

Bethlehem CSD

Updated 4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
SITE SCOPE						
HAM S-1	44	MH	Site drainage	Improve drainage/grading for existing gravel drip strips along southwest side old building		\$ 4,788
HAM S-2	55	MH	Asphalt repair	Mill/Fill paved blacktop around building DISTRICT IDENTIFIED		\$ 207,898
HAM S-3	55	MH	Curb replacement	Replace portions of damaged/deteriorating curb sections		\$ 7,600
HAM S-4	55	MH	Parking lot maintenance	Seal cracks in parking area		\$ 5,016
HAM S-5	56	MH	Concrete replacement	Replace deteriorating sidewalks		\$ 39,520
HAM S-6	57	H	Playground equipment	New equipment to replace old rotten wood structure. DISTRICT IDENTIFIED		\$ 86,640
						\$ -
ARCHITECTURAL SCOPE						
HAM A-1	66	M	Masonry restoration	Masonry restoration: Repoint exterior masonry walls in several spots		\$ 15,200
HAM A-2	66	L	Masonry restoration	Clean-up efflorescence on exterior masonry walls, in various locations.		\$ 3,800
HAM A-3	66	M	Masonry restoration	Repair several cracks at interior CMU walls		\$ 4,560
HAM A-4	66	L	Exterior louver Rep.	Replace various corroded exterior louvers		\$ 4,560
HAM A-5	68	H	Secure fascia panels	Secure loose fascia panels. DISTRICT IDENTIFIED		\$ 22,800
HAM A-6	72	L	Window shades	Replace old classroom blinds with shades DISTRICT IDENTIFIED		\$ 243,844
HAM A-7	73	MH	Metal roof recoating	Re-Coat Metal Roof DISTRICT IDENTIFIED / PREVIOUS 5 YP		\$ 167,960
HAM A-8	73	H	TPO roof replacement	Replace all TPO Roofs DISTRICT IDENTIFIED		\$ 1,583,688
HAM A-9	73	MH	Roofs	Add EIFS work at the skylight		\$ 45,600
HAM A-10	75	H	Renovate Toilet Rooms	Rooms 26 , 38, 37, and unisex DISTRICT IDENTIFIED		\$ 44,840

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
HAM A-11	75	H	Main Entrance hardening	Main Entrance hardening & security DISTRICT IDENTIFIED		\$ 273,600
HAM A-12	75	L	Wall tile finishes	Replace missing wall tile(s) from corridor wall		\$ 7,600
HAM A-13	78	L	Refinish wood floor	Refinish deteriorated stage wood floors		\$ 21,478
HAM A-14	80	M	Replace ceiling tiles	Replace damaged & stained ceiling tiles in various locations. Replace worn ceiling tiles in the Assemble / Play area		\$ 73,492
HAM A-15	80	L	Soffit finishes	Prep & Paint several GWB soffits where existing paint is starting to peel off		\$ 1,368
HAM A-16	81	MH	Replace deteriorated casework	Replace deteriorated millwork throughout Classrooms 01, 02, 03, 04 05, 06, 07, 08, 10, 11, 13 and 32A		\$ 169,434
HAM A-17	82	H	Door replacement	Replace all doors in original wing (they swell in hot weather). Frames to remain, paint frames DISTRICT IDENTIFIED		\$ 36,358
						\$ -
PROGRAM AREAS						
HAM AP-1	-	H	Renovate Kitchen and Storage	Renovate Kitchen and Storage (walls, floors - epoxy, drains, grease traps, ceiling, storage) DISTRICT IDENTIFIED		\$ 252,031
HAM AP-2	-	H	Pit Area	Renovate/repurpose pit areas. Fill in pit for single level DISTRICT IDENTIFIED		\$ 68,400
						\$ -
MECHANICAL SCOPE						
HAM M-1	90	H	Ventilation in corridors	It is recommended to provide code required ventilation air to the corridors through new blower coils or unit ventilators.		\$ 91,200
HAM M-2	90	H	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
HAM M-3	90	H	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
HAM M-4	90	M	Provide AC and ventilation Nurses rm 45	Provide ventilation and air conditioning for the Nurse suite		\$ 60,800
HAM M-5	90	L	Provide ventilation Faculty RM	Provide ventilation and air conditioning through a small dedicated rooftop unit.		\$ 76,000
HAM M-6	91	H	Install AC split system	It is recommended that a split system cooling unit be provided for the IT data rack		\$ 12,160

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
HAM M-7	98	H	Boiler replacement	Replace 1987 Hot water boilers and plant peripheral equipment.		\$ 836,000
						\$ -
PLUMBING SCOPE						
HAM P-1	100	L	Student sink replacement	It is recommended to replace the existing sink/fountain units with sinks that include bubbler stations separated by 6".		\$ 45,600
						\$ -
ELECTRICAL SCOPE						
HAM E-1	107	M	Upgrade Fire alarm system Building wide	Upgrade fire alarm devices to include voice communication, CO detection and blue light strobes DISTRICT IDENTIFIED		\$ 300,960
HAM E-2	109	H	Technology	District-wide Tech Upgrades		\$ 114,000
						\$ -

14	H	Total HIGH Priority CAPITAL PROJECT Scope▶	\$ 3,763,718
8	MH	Total MEDIUM HIGH Priority CAPITAL PROJECT Scope▶	\$ 647,816
5	M	Total MEDIUM Priority CAPITAL PROJECT Scope▶	\$ 455,012
8	L	Total LOW Priority CAPITAL PROJECT Scope▶	\$ 404,250
Total CAPITAL PROJECT Scope▶			\$ 5,270,796



SLI

Bethlehem CSD

Updated 4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
SITE SCOPE						
SLI S-1	45	M	Drainage	Evaluate removing sediment from wet area adjacent to parking lot for positive drainage from storm pipe outlet		\$ 27,360
SLI S-2	56	H	Stairs	Replace stairs and sidewalk at Union Ave. building entrance		\$ 33,440
SLI S-3	56	H	Paving	Replace asphalt walks from building to playground		\$ 14,364
SLI S-4	57	H	Install shade structure at Playground	Install 24' x 60' shade structure and concrete pad at playground DISTRICT IDENTIFIED		\$ 133,760
SLI S-5	70	H	Stairs	Evaluate deteriorating front stairs DISTRICT IDENTIFIED		\$ 83,600
						\$ -
ARCHITECTURAL SCOPE						
SLI A-1	66	M	Masonry Restoration	Repair exterior masonry and repoint bricks DISTRICT IDENTIFIED		\$ 410,400
SLI A-2	66	M	Wall parging Boiler RM	Parge exterior Boiler Room Masonry DISTRICT IDENTIFIED		\$ 7,600
SLI A-3	66	L	Louvers	Replace select metal louvers throughout exterior elevations		\$ 7,600
SLI A-4	72	MH	Window balance springs	38 windows at primary wing need new balance spring packs DISTRICT IDENTIFIED		\$ 28,880
SLI A-5	72	MH	Install gutter Rear Canopy	Rear Canopy - install gutters DISTRICT IDENTIFIED		\$ 4,560
SLI A-6	72	H	Prep and paint railings Union Ave Canopy	Union Ave Canopy - scrape, patch & paint underside and railings; install gutter to redirect scupper DISTRICT IDENTIFIED		\$ 7,600
SLI A-7	72	H	Exterior Windows	Eval window wall near living room for rot - replace with new storefront DISTRICT IDENTIFIED		\$ 33,341
SLI A-8	72	M	Window Blinds	Replace old classroom blinds with shades DISTRICT IDENTIFIED		\$ 237,758
SLI A-9	73	M	Meta roof finish	Re-Coat Metal Roof DISTRICT IDENTIFIED		\$ 185,197

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
SLI A-10	73	H	Soffit panel replacement	Review of Soffit panels per Bob Courts voice message 5/4/20. Re-secure any loose panels. DISTRICT IDENTIFIED		\$ 22,800
SLI A-11	75	H	Main Entrance hardening	Main Entrance hardening & security DISTRICT IDENTIFIED		\$ 19,192
SLI A-12	77	L	Flooring	Replace damaged floor tile in Classroom 3.		\$ 7,296
SLI A-13	80	H	Ceiling replacement	Install drop ceiling in Toilet Rooms 43 and 46 for noise reduction. DISTRICT IDENTIFIED		\$ 15,200
SLI A-14	80	H	Ceiling	Install ACT ceilings and gyp bulkheads in Basement outside of Classrooms		\$ 22,800
SLI A-15	81	L	Casework	Classroom 2 replacing casework		\$ 3,040
SLI A-16	82	MH	Door replacement	Replace solid doors with 1/4 lite wood doors (Rooms B11, B4, B3, 45, 28, 31, 32 & 33) DISTRICT IDENTIFIED		\$ 38,608
SLI A-17	82	H	Install door hold opens	Install magnetic hold-opens on kitchen doors, gym doors, stage doors, custodian door DISTRICT IDENTIFIED		\$ 9,728
SLI A-18	82	MH	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	82	MH	Doors	Replace Doors into Classrooms 1-11, and Library.		\$ 28,956
SLI A-20	82	L	Doors	Replace a pair of doors, sidelight and transom. All wood framed. In corridor adjacent to Classroom 3 and Main Office.		\$ 24,092
SLI A-21	82	L	Doors	Main Office door - Provide door closure for 2 locations from Lobby and Corridor.		\$ 912
SLI A-22	82	M	Doors	Classroom 4. Remove corridor wall storefront system and infill with rated wall construction. Replace corridor door.		\$ 5,472
						\$ -
ARCHITECTURAL - PROGRAM AREAS						
SLI AP-1	-	H	Classroom Renovations	Renovate basement classrooms DISTRICT IDENTIFIED		\$ 420,508
SLI AP-2	-	H	Cafeteria renovation	Renovate cafeteria & kitchen (floors, ceiling, acoustics, serving, storage, garbage disposal) DISTRICT IDENTIFIED		\$ 819,888
						\$ -
MECHANICAL SCOPE						
SLI M-1	90	H	UVs	Replace ELC Unit Ventilators or ductwork to reduce machine/airflow noise Rms B7-B10, B14-B16 ELC		\$ 152,000
SLI M-2	90	H	Ventilation	ELC common area RM 26, Air handling units are extremely noisy and the space has poor airflow circulation.		\$ 228,000

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
SLI M-3	90	M	Ventilation	None of the classrooms (with the exception of ELC) and the library have mechanical relief air systems and the ventilation air in the spaces is stale.		\$ 121,600
SLI M-4	90	M	Crawl space humidity	Address crawl pace humidity		\$ 38,000
						\$ -
PLUMBING SCOPE						
SLI-P1	95	H	Replace water lines	Replace domestic hot and cold water piping in Union Ave Wing		\$ 57,000
SLI-P2	99	L	Replace water bubbler in various classrooms	It is recommended to replace the existing sink/fountain units with sinks that include bubbler stations separated by 6".		\$ 45,600
						\$ -
ELECTRICAL SCOPE						
SLI E-1	107	M	Fire Alarm	Upgrade fire alarm devices to include voice communication, CO detection and blue light strobes DISTRICT IDENTIFIED		\$ 360,988
SLI E-2	109	H	Technology	District-wide Tech Upgrades		\$ 136,800
						\$ -

17	H	Total HIGH Priority CAPITAL PROJECT Scope▶	\$ 2,210,021
5	MH	Total MEDIUM HIGH Priority CAPITAL PROJECT Scope▶	\$ 125,096
9	M	Total MEDIUM Priority CAPITAL PROJECT Scope▶	\$ 1,394,375
6	L	Total LOW Priority CAPITAL PROJECT Scope▶	\$ 88,540
Total CAPITAL PROJECT Scope▶			\$ 3,818,032



MS

Bethlehem CSD

Updated 4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
SITE SCOPE						
MS S-1	55	H	Refurbish parking lot	Mill/top parking areas with select areas of full depth replacement		\$ 894,748
MS S-2	55	H	Refurbish parking lot	Replace portion of sidewalk being undermined by storm run-off		\$ 10,640
MS S-3	55	H	New Sidewalk Pavilion	Pave path to the Pavilion PREVIOUS 5 YP		\$ 10,640
MS S-4	56	H	New Sidewalk Cafeteria	Site - Add sidewalk outside Cafeteria DISTRICT IDENTIFIED		\$ 24,320
MS S-5	56	H	Replace sidewalk Adjacent to Rm 1075	Sidewalk going to behind stage is spalled & patched. Possibly replace DISTRICT IDENTIFIED		\$ 11,742
MS S-6	56	H	Selective sidewalk replacement	Replace area of deteriorating sidewalk/landing, replace railing, replace foundation		\$ 38,000
MS S-7	56	H	New Sidewalk Pool	Add new side walk at pool service entrance		\$ 3,800
MS S-8	58	M	Resurface tennis courts	Resurface tennis courts, provide new fence		\$ 437,684
MS S-9	59	MH	Multipurpose field work	Site - Add bleacher pads, irrigation, etc. DISTRICT IDENTIFIED /PREVIOUS 5 YP		\$ 258,400
MS S-10	97	H	Site drainage	Site - Evaluate and repair drainage - flooding in lower level during large weather events DISTRICT IDENTIFIED		\$ 334,400
MS S-11	123	H	Site lighting Parking lot	Evaluate and increase lighting level in parking lot DISTRICT IDENTIFIED		\$ 91,200
						\$ -
						\$ -
						\$ -
ARCHITECTURAL SCOPE						
MS A-1	66	M	Masonry restoration	Evaluate masonry crack in wall outside Room 137 on roof DISTRICT IDENTIFIED		\$ 7,600
MS A-2	66	L	Masonry restoration	Clean-up efflorescence on exterior masonry walls, in various locations.		\$ 3,040
MS A-3	66	MH	Wall louvers Exterior	Replace several select exterior metal louvers		\$ 7,600

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
MS A-4	66	H	Masonry restoration	High Priority repointing. Exterior at stage, etc.		\$ 22,800
MS A-5	66	MH	Masonry restoration	Fill-in voids/holes at various locations throughout exterior masonry walls.		\$ 3,648
MS A-6	66	MH	Masonry restoration	Repoint brick at various locations throughout exterior masonry walls.		\$ 102,600
MS A-7	66	MH	EIFS Damage	Lower GYM Birds in the EIFS, Tech rooms EIFS Replacement (2 Panels). Replace/Repair		\$ 33,136
MS A-8	69	L	Replace exterior door	Corridor C003 - Cafeteria Exterior door replace door, frame with integral sidelight. Adjacent glazing to remain.		\$ 7,114
MS A-9	72	H	Window balance springs	45 windows need new balance spring packs		\$ 34,200
MS A-10	72	L	Window replacement	Replace window and air conditioning infill surround at Rm 123. Replace damaged water stain tiles in several area.		\$ 13,069
MS A-11	72	L	Window replacement	Replace interior / exterior windows at pool corr. PREVIOUS 5 YP		\$ 136,253
MS A-12	72	M	Replace window blinds	Replace old classroom blinds with shades DISTRICT IDENTIFIED		\$ 396,902
MS A-13	73	H	Replace all TPO roofing	Replace all TPO Roofs with single ply roof membrane, new 6" insulation and dens deck. Install perimeter metal. DISTRICT IDENTIFIED		\$ 2,020,080
MS A-14	73	M	Roof drains	Replace missing/broken roof drain domes		\$ 1,140
MS A-15	73	M	Mechanical hoods	Replace several corroded metal roof vents/hoods		\$ 5,320
MS A-16	73	L	Roof ladders	Replace/refinish corroded roof ladder(s)		\$ 34,960
MS A-17	75	H	Tile repointing corridors	Hallway (C013 C106B, C105, C113) tile needs re-pointing DISTRICT IDENTIFIED		\$ 3,192
MS A-18	75	L	Cafeteria finish repairs	Cafeteria (RM 36) - Replace or remove folding partition, replace damaged ceiling tiles and floor tile, replace missing tile base.		\$ 19,760
MS A-19	75	H	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-20	75	L	Install finishes	Student Activity 0066, 0067 and 0069 install flooring and finishes.		\$ 426,953
MS A-21	75	M	Renovate Toilet Room 0072	Install new plumbing fixtures, Install Ceramic wall tile to 8'-0" Paint wall above 8'-0". Paint ceiling. Provide new toilet partitions.		\$ 30,020

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
MS A-22	75	L	Renovate Toilet Room 0078	Install new plumbing fixtures, Install Ceramic wall tile to 8'-0" Paint wall above 8'-0" and paint ceiling. Provide new toilet partitions. Repair Terrazzo floor crack at threshold.		\$ 19,760
MS A-23	75	L	Renovate Toilet Room 0101	Custodial toilet room - updated fixtures and finishes.		\$ 24,700
MS A-24	77	H	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 DISTRICT IDENTIFIED		\$ 63,658
MS A-25	77	L	Floor finish RM 1016	RM 1016 ACM flooring suspected. Remove flooring and install new resilient flooring		\$ 5,062
MS A-26	77	L	Floor finishes RM 1028 and RM 143.	Prep room 1028 replace damaged and missing vinyl flooring. RM 143 Science and adjacent prep room floor tiles are cracked, possible over steel beam locations		\$ 1,231
MS A-27	77	L	Floor finishes Miscellaneous rooms	Rooms 205, 207, 213 and 215 suspected asbestos containing material flooring. Rooms 039 and 045 - repair cupped hardwood, sand, refinish hardwood floors. Per District Research with Stakeholder, they prefer hardwood floors in these two rooms.		\$ 101,566
MS A-28	77	L	Remove asbestos containing materials	Abate suspected ACM flooring in Classrooms 022, 024, 026, 028 and Office adjacent to Storage 0099. Install new resilient flooring PREVIOUS 5 YP		\$ 81,068
MS A-29	77	L	Provide new finishes Rooms 0092 and 0093	Provide new finishes in Staff break room		\$ 5,267
MS A-30	77	L	Floor tile repair Rm 046	Rm 046 replace flooring		\$ 1,277
MS A-31	77	L	Electrical floor box RM 128	RM 128 Computer Classroom, remove exposed and abandoned floor boxes. Provide resilient floor tile to match existing.		\$ 1,824
MS A-32	77	L	Remove suspected Asbestos flooring RM 129	Remove suspected asbestos containing material flooring.		\$ 18,605
MS A-33	78	L	Floor leveling Main Office Rm 1066	Main Office - repair floor with depression and uneven DISTRICT IDENTIFIED		\$ 114,000
MS A-34	80	L	Replace ceiling	Replace ceiling and lights in RMS 201, 203, 205, 206, 213, 215 and 216. Install bulkheads at windows		\$ 72,413
MS A-35	81	L	Batting cage Lower Gym	Add batting cage in Lower Gym DISTRICT IDENTIFIED		\$ 30,400

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
MS A-36	81	H	Display case glazing	C106B replace display case glazing with tempered glazing		\$ 1,947
MS A-37	81	L	Renovate Student Café	Student Café 0068 New casework and finishes.		\$ 67,952
MS A-38	82	M	Corridor C001	Replace non rated glazing in classroom sidelights		\$ 87,666
MS A-39	82	M	Install window film	Interior Door Film (Instead of security shades on side lights) DISTRICT IDENTIFIED		\$ 22,800
MS A-40	82	L	Replace door Rm 0102	Storage Rm 0102 HM door no visible rating label. Replace door and frame. Vest C013A Replace pair of wood doors. Wall finish repair at base of doors.		\$ 7,410
MS A-41	82	H	Provide new door and frame Electrical room 0090	Install new door and frame.		\$ 3,078
MS A-42	82	L	Corridor doors C103	Replace 1 pair of doors w/ sidelights in corridor C103 adjacent to Jan CI 1017. No rating - need to verify requirements.		\$ 12,966
MS A-43	82	L	Corridor doors Stair S2-2	Pair of doors in corridor adjacent to Stair S2-2 . No rating - Not wire glass .		\$ 6,278
MS A-44	82	H	Rated corridor walls Corridor C106B	Replace non rated wood doors, wood sidelights and wood transom.		\$ 6,452
MS A-45	82	M	Wire glazing RM 207	Second floor RM 207 replace wire glazing in sidelight.		\$ 2,234
MS A-46	83	M	Handrail and guardrail Stair S3-2, S4-2 and S5-2	Replace handrails and guardrails.		\$ 47,880
MS A-47	90	M	Corridor rating RM 125	RM 124 relief grill into corridor not rated. Door into storage closet not rated. Fur out Ext. wall above window		\$ 3,101
MS A-48	109	L	Markerboards Rm 139	Review of Markerboards and Technology - District wide Rm 139 Math lab marker board is in need of replacement		\$ 7,296
MS A-49	118	L	Replace old Classrooms doors	Replace old classroom doors with new doors w/1/4 lite and ADA hardware throughout school DISTRICT IDENTIFIED		\$ 192,394
MS A-50	118	L	Renovate Toilet rooms 0063 and 0064	Girls/Boys Toilet Rm 0063 and 0064 new plumbing fixtures and finishes. Reconfigure to accommodate ADA (Adjacent to Student activity rm 0063)		\$ 94,544
MS A-51	118	M	ADA approach Corridor C103	Corridor C006 Accessibility approach clearance issues into 6 rooms (i.e. Room 023) and Corridor C103 - 6 rooms.		\$ 36,480

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
MS A-52	118	M	ADA approach RM1024	RM 1024 Science prep - accessibility approach issue.		\$ 4,818
						\$ -
						\$ -
						\$ -
ARCHITECTURAL - PROGRAM AREAS						
MS AP-1	-	H	Auditorium Renovation	Auditorium/Stage/Balcony - Full renovation DISTRICT IDENTIFIED		\$ 2,484,063
MS AP-2	-	H	Relocate FACs Rooms	FACs Rooms - Renovate rooms 150, 150A, 146, 147 and 148 to make a more functional program DISTRICT IDENTIFIED		\$ 517,454
MS AP-3	-	H	Library renovation	Renovate to modernize Library DISTRICT IDENTIFIED		\$ 802,408
MS AP-4	-	H	Kitchen Prep space Rm 0030	Kitchen requires more prep area. Relocate 3 bay sink, add prep table DISTRICT IDENTIFIED		\$ 15,200
MS AP-5	-	H	Tech shop rooms	Rooms 037,039, 045 Paint Rooms, Install Exhaust System DISTRICT IDENTIFIED		\$ 42,560
MS AP-6	-	H	Digital Classrooms	Renovate RM 125, 127 and 129 to be 2 digital classrooms. DISTRICT IDENTIFIED		\$ 319,200
MS AP-7	-	H	RM 021 Renovations (Old FACs)	Turn into Staff Lounge - New finishes and casework thought DISTRICT IDENTIFIED		\$ 135,970
MS AP-8	-	M	Outdoor Amphitheater	Addition of an outdoor "amphitheater" with risers for classrooms to work outdoors, or small concerts etc.		\$ 76,000
						\$ -
						\$ -
						\$ -
MECHANICAL SCOPE						
MS M-1	89	H	Boiler replacement RM 0081	Summer boiler replacement PREVIOUS 5 YP		\$ 68,400
MS M-2	89	H	Replace combustion air damper Rm 0081	Replace combustion air system damper arrangement		\$ 15,200
MS M-3	90	M	Improve ventilation Classroom 043	Improve ventilation system in lower level Technology Computer Classroom 043.		\$ 12,160
MS M-4	90	H	Dust collection systems Rms 039 and 045	Refurbish dust collection systems		\$ 38,000

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
MS M-5	91	L	HVAC RM 126	Review HVAC for possibility of reduction.		\$ 30,400
MS M-6	91	M	Noisy RTU RM 122	Evaluate roof top unit for sound issues.		\$ 7,600
MS M-7	91	M	Provide air conditioning and ventilation Rm 124	Provide air conditioning and mechanical relief air system for Work Room 124.		\$ 30,400
MS M-8	91	H	Insulate piping Main Office and Nurse Area	Provide jacketed insulation to condensate piping.		\$ 7,600
MS M-9	92	M	Install pipe insulation 1st floor Science wing and lower level	Insulate miscellaneous, existing bare heating water piping.		\$ 12,160
MS M-10	92	M	Remove abandoned piping 1st floor Science wing.	Remove abandoned steam and steam condensate piping		\$ 7,600
						\$ -
						\$ -
						\$ -
PLUMBING SCOPE						
MS P-1	96	M	Plumbing vent extensions B and C wing vents	Extend existing plumbing vents to 18" above the roof.		\$ 7,600
MS P-2	99	M	Replace service sink RM 0081	Replace service sink		\$ 9,120
						\$ -
						\$ -
						\$ -
ELECTRICAL SCOPE						
MS E-1	106	H	Generator Upgrades	Generator additions and upgrades to add room to emergency support		\$ 152,000
MS E-2	106	H	New Generator for walk in cooler and freezer	New generator for walk-in freezer and cooler		\$ 152,000
MS E-3	107	M	Fire Alarm	Upgrade fire alarm devices to include voice communication, CO detection, and blue light strobes DISTRICT IDENTIFIED		\$ 1,086,146
MS E-4	109	MH	Exterior Clocks and Lighting	Replace exterior clock wiring and lighting		\$ 30,400

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
MS E-5	109	H	Technology	District-wide Tech Upgrades		\$ 547,200
						\$ -
						\$ -

32	H	Total HIGH Priority CAPITAL PROJECT Scope▶	\$ 8,880,360
6	MH	Total MEDIUM HIGH Priority CAPITAL PROJECT Scope▶	\$ 435,784
22	M	Total MEDIUM Priority CAPITAL PROJECT Scope▶	\$ 2,332,432
28	L	Total LOW Priority CAPITAL PROJECT Scope▶	\$ 1,537,559
Total CAPITAL PROJECT Scope▶			\$ 13,186,135



ASHLEY MCGRAW

HS

Bethlehem CSD

Updated 4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
SITE SCOPE						
HS S-1	39	L	Irrigation Field #10	Provide Pop-up Irrigations for Field #10 PREVIOUS 5 YP		\$ 68,400
HS S-2	39	L	Irrigation Field #7/7A	Provide Pop-up Irrigation for Field #7/7A PREVIOUS 5 YP		\$ 68,400
HS S-3	55	H	Front main parking lot	Mill and fill front main parking lot asphalt - restripe DISTRICT IDENTIFIED		\$ 998,146
HS S-4	56	H	Sidewalks Front of building	Replace front sidewalks (including islands) and expand sidewalk for additional bikes DISTRICT IDENTIFIED		\$ 252,700
HS S-5	58	H	Scoreboards	Install scoreboards for Varsity Baseball, Field #2, and Field 10 DISTRICT IDENTIFIED		\$ 83,600
HS S-6	58	H	Perimeter Fence Stadium	Replace old galvanized fence around stadium & track and field DISTRICT IDENTIFIED		\$ 85,774
HS S-7	58	H	Chain link fence Varsity Softball Field	Install chain link fence along Varsity Softball field and remove 6x6s Along left field line DISTRICT IDENTIFIED		\$ 23,408
HS S-8	58	H	Track	Track and Field Event Areas - Recoating DISTRICT IDENTIFIED		\$ 595,840
HS S-9	58	MH	Batting Cage Varsity Baseball	Provide Varsity Baseball Batting Cage DISTRICT IDENTIFIED		\$ 57,760
HS S-10	58	MH	Concrete bleacher pads Field Hockey	Field Hockey Bleacher Pad PREVIOUS 5 YP		\$ 16,416
HS S-11	60	MH	Dugouts Varsity Softball field	Install dugouts at Varsity Softball field DISTRICT IDENTIFIED		\$ 380,000
						\$ -
ARCHITECTURAL SCOPE						
HS A-1	66	M	Masonry restoration	Repoint masonry - C & F Wings DISTRICT IDENTIFIED		\$ 34,200
HS A-2	66	M	Insulation Rm D248	Rm D248 - Storage Room was cold, possibly not insulated well.		\$ 2,280

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
HS A-3	66	L	Masonry restoration	Clean efflorescence on exterior masonry walls, in various locations. Under G162 window, under D100 - D106 windows, at exterior door from G101		\$ 3,648
HS A-4	66	L	Masonry restoration	Repair water damaged concrete fascia above double doors to courtyard 3. Resolve water source problem.		\$ 3,800
HS A-5	66	M	Masonry restoration	Reconstruct corner of masonry wall at Courtyard 5, where several bricks are missing. (near A106)		\$ 3,648
HS A-6	66	L	Masonry restoration	Clean-up water stains off exterior masonry walls. E wing courtyard side, G wing parking side,		\$ 1,216
HS A-7	66	M	Metal louvers	Replace select metal louvers throughout exterior elevations		\$ 7,600
HS A-8	66	M	Paint	Paint/Clean existing EFIS at HS		\$ 152,000
HS A-9	68	L	Metal fascia	Repair / replace damaged metal fascia @ courtyard & West elevation metal roofs.		\$ 9,120
HS A-10	68	L	Metal wall panels	Replace/repair corroded exterior wall panels		\$ 15,200
HS A-11	68	L	Metal fascia	Repair Damaged metal fascia at Roof Area 1 D wing		\$ 6,080
HS A-12	69	H	Storefront and Doors	Replace non-function doors and associated storefront at Gym A exit DISTRICT IDENTIFIED		\$ 22,618
HS A-13	73	H	Roof replacement	Replace all TPO Roofs with single ply roof membrane, new 6" insulation and dens deck. Install perimeter metal. DISTRICT IDENTIFIED		\$ 1,730,064
HS A-14	73	L	Walkway pads D wing roof	Re-adhere and replace missing/loose walk pads at EPDM Roof Area 1 (D wing)		\$ 2,280
HS A-15	73	L	Mechanical hood replacement	Replace corroded/broken mechanical metal hoods at Roof Area 4 (C wing) & 23 (Roof above G150 Girls locker room)		\$ 15,200
HS A-16	73	L	Remove abandoned Electrical items	Remove abandoned electric conduit and patch roof membrane at EPDM Roof Area 4 (C wing)		\$ 7,600
HS A-17	73	L	Remove abandoned condenser	Remove abandoned condenser at EPDM Roof Area 7 (A wing)		\$ 3,800
HS A-18	75	L	Crack in Soffit RM C107	Crack in soffit/wall at door of Room C017		\$ 9,120
HS A-19	75	L	Toilet room renovations	D Wing toilet rooms except lighting and ceilings Boys, Girls, Men's, and Women's D113, D115, D117, D119, D213, D215, D217 and D221 PREVIOUS 5 YP		\$ 304,000

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
HS A-20	75	H	Provide rated walls and door Rm D224A	D224A Kiln Room extend walls to deck, install rated door and frame.		\$ 5,776
HS A-21	75	H	Corridor rated wall D208	Rm D208 remove glazing and frame in corridor and infill with rated wall.		\$ 3,800
HS A-22	75	H	Toilet room renovations	Renovate Gang toilet rooms G164 and G166 PREVIOUS 5 YP		\$ 148,656
HS A-23	77	H	FACS Abatement Rm D124	Abate and replace FACS Room floor DISTRICT IDENTIFIED		\$ 28,424
HS A-24	77	MH	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-25	77	MH	Floor finishes RM A103	Earth Science Classroom A 103 replace flooring		\$ 11,260
HS A-26	77	MH	Floor finish Rms B118 and B119	Suspected VAT in Rooms B118 Closet and B119 Jan Closet		\$ 9,044
HS A-27	77	MH	Floor finish RM C100	C100 Special Ed repair/replace vinyl tile flooring		\$ 6,348
HS A-28	77	MH	Floor finish Rms adjacent to Rm C119	Suspected VAT in 3 rooms connected above File room C119.		\$ 7,752
HS A-29	77	MH	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-30	78	MH	Floor finishes Rm F105	Rm F105 Auto Shop add epoxy floor DISTRICT IDENTIFIED		\$ 21,523
HS A-31	78	MH	Floor finishes	Front custodial entrance - Pour slab and epoxy floor DISTRICT IDENTIFIED		\$ 3,800
HS A-32	80	H	Soffit replacement Gym B	Gym B Rm G104 Soffit abatement and replacement PREVIOUS 5 YP		\$ 276,701
HS A-33	81	M	Casework in D-Wing	Replace deteriorated counters in D Wing classrooms. DISTRICT IDENTIFIED		\$ 329,688
HS A-34	81	MH	Replace display case Rm F157	Replace display cabinet near Café Rm F157 DISTRICT IDENTIFIED		\$ 5,130
HS A-35	81	MH	Display Case RM F160	Add display cases in the D/E Wing hallway transition DISTRICT IDENTIFIED		\$ 112,480
HS A-36	81	M	Casework Rm A104	Classroom A104 replace instruction Kitchenette casework		\$ 10,640

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
HS A-37	83	H	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-38	85	MH	Gym A Rm G101 Equipment replacement	Gym A Rm G101 - Replace Bleachers, Hoops, Wall Pads, Acoustic Panels, Repaint Walls and Ceiling DISTRICT IDENTIFIED		\$ 301,340
HS A-39	90	H	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
HS A-40	118	M	ADA approach Classrooms D-Wing	Classrooms D200 through D216 doors do not meet ADA approach push clearance		\$ 43,776
						\$ -
						\$ -
						\$ -
PROGRAM AREAS						
HS AP-1	58	H	Turf, lighting, and bleachers Field 2	Field 2 - Install Turf, lighting, bleachers DISTRICT IDENTIFIED		\$ 5,051,720
HS AP-2	-	M	Canopy Structure - Cafeteria	Canopy structure for patio outside café DISTRICT IDENTIFIED		\$ 182,400
HS AP-3	-	H	Main Office / Admin Office	Relocate Main office, make old Main Office the Admin Office.		\$ 456,000
HS AP-4	-	H	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 DISTRICT IDENTIFIED		\$ 197,600
HS AP-5	-	H	Auto Shop F105	Replace equipment: Casting furnace and hood, vertical mill. Replace shop sink and drainage DISTRICT IDENTIFIED		\$ 22,800
						\$ -
						\$ -
						\$ -
MECHANICAL SCOPE						
HS M-1	90	H	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	91	H	Air Conditioning Rm G100	Install air conditioning and reduce ventilation noise in G100 DISTRICT IDENTIFIED		\$ 76,000

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
HS M-3	91	L	HVAC units Date Closet - C-Wing	It is recommended a split system cooling unit be added for the space.		\$ 15,200
HS M-4	91	M	HVAC units Room B121	It is recommended that a cooling coil be installed within the existing floor mounted unit ventilator. The new coil would be connected to a new rooftop condensing unit and the refrigerant piping routed through the existing vertical piping chase housing the heating water piping drops.		\$ 22,800
HS M-5	92	M	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
						\$ -
						\$ -
						\$ -
PLUMBING SCOPE						
HS P-1	96	H	Dishwasher Rm F167	Connect old dishwasher room to grease trap - not directly to sanitary sewer line DISTRICT IDENTIFIED		\$ 15,200
HS P-2	96	H	Sump pump Rm G16	Replace sump pump G wing mechanical room.		\$ 22,800
HS P-3	96	H	Drain lines Rm G16	Clean below slab floor drain piping		\$ 7,600
HS P-4	96	M	Roof Vents B and C wings	Install vent extensions to get existing termination points to 18" above the roof.		\$ 7,600
HS P-5	96	H	Janitor G3 - Sewage Pit	Rework and refit sewage pit with new contained tank-style pit. Pump and controller		\$ 45,600
						\$ -
						\$ -
						\$ -
ELECTRICAL SCOPE						
HS E-1	103	M	Replace electric panel	Replace pool electric panel		\$ 15,200
HS E-2	104	M	Exterior lighting Main Gym and D-Wing	Add exterior lighting at Main Gym and D-Wing		\$ 15,200
HS E-3	104	MH	G100 Lighting	Replace (12) T5HO dimmable fixtures with LED fixtures		\$ 18,240
HS E-4	106	H	Generator Upgrades	Generator additions and upgrades to add room to emergency support		\$ 205,200
HS E-5	107	H	Fire alarm	Fire Alarm replacement DISTRICT IDENTIFIED		\$ 2,189,955
HS E-6	109	MH	Scoreboards Gym B	Gym B - replace scoreboards and shot clocks DISTRICT IDENTIFIED		\$ 47,120

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
HS E-7	109	MH	Pool sound system RM G102	Pool sound system PREVIOUS 5 YP		\$ 45,600
HS E-8	109	M	Relocate data rack F-Wing Rm F144	Relocate data rack from F-Wing electrical room		\$ 30,400
HS E-9	109	H	Technology	District-wide Tech Upgrades		\$ 820,800
HS E-10	109	H	Upgrade Bosch Security Panel	Upgrade Bosch Security Panel due to end of life DISTRICT IDENTIFIED		\$ 129,200
						\$ -
						\$ -

29	H	Total HIGH Priority CAPITAL PROJECT Scope▶	\$ 13,571,413
17	MH	Total MEDIUM HIGH Priority CAPITAL PROJECT Scope▶	\$ 1,352,309
15	M	Total MEDIUM Priority CAPITAL PROJECT Scope▶	\$ 1,047,432
15	L	Total LOW Priority CAPITAL PROJECT Scope▶	\$ 533,064
Total CAPITAL PROJECT Scope▶			\$ 16,504,218



TRA

Bethlehem CSD

Updated 4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
SITE SCOPE						
TRA S-1	111	H	Fuel Pumps	Transportation Fuel Island and Equipment replacement DISTRICT IDENTIFIED		\$ 114,000
						\$ -
						\$ -
						\$ -
ARCHITECTURAL SCOPE						
TRA A-1	66	M	Masonry restoration	Masonry restoration (High Priority if Additon is not taken) DISTRICT IDENTIFIED - PREVIOUS 5 YP		\$ 152,000
TRA A-2	73	L	Install metal coping	Repair & refinish corroded exposed exterior w/all metal components (siding & expansion joint covers) West wall of Offices at grade (High Priority if Additon is not taken)		\$ 15,200
TRA A-3	75	M	Paint steel Mezzanine	Paint new mezzanine steel DISTRICT IDENTIFIED		\$ 3,040
TRA A-4	77	M	Floor finish Various locations	Replace/repair damaged flooring in various locations.		\$ 1,634
						\$ -
						\$ -
						\$ -
PROGRAM AREAS						
TRA AP-1	-	H	Offices - Rebuild Addition	Demolish 850sf office addition, rebuild 1,100sf addition (Does not require TRA A1, TRA A-2, TRA M-1)		\$ 765,320
						\$ -
						\$ -
MECHANICAL SCOPE						
TRA M-1	89	L	Office ventilation and heat	Eliminate electric heating from office spaces and provide ventilation to office spaces via rooftop unit while connecting the offices to the boiler system. Work to include Conference Room and Hallway DISTRICT IDENTIFIED (High Priority if Additon is not taken)		\$ 266,000
TRA M-2	89	H	Replace Boiler	Replace oversized steam boiler with smaller hot water boiler and re-pipe.		\$ 45,600

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
TRA M-3	110	H	Install back-up air compressor	Transportation Department Back-up Air Compressor DISTRICT IDENTIFIED		\$ 38,000
						\$ -
						\$ -
						\$ -
PLUMBING SCOPE						
						\$ -
ELECTRICAL SCOPE						
TRA E-1	109	H	Cameras Replacements	Replace 19 existing Cisco Cameras		\$ 72,960
TRA E-2	109	H	Technology	District-wide Tech Upgrades		\$ 42,560
						\$ -
						\$ -
						\$ -

6	H	Total HIGH Priority CAPITAL PROJECT Scope▶	\$ 1,078,440
0	MH	Total MEDIUM HIGH Priority CAPITAL PROJECT Scope▶	\$ -
3	M	Total MEDIUM Priority CAPITAL PROJECT Scope▶	\$ 156,674
2	L	Total LOW Priority CAPITAL PROJECT Scope▶	\$ 281,200
Total CAPITAL PROJECT Scope▶			\$ 1,516,314



O&M

Bethlehem CSD

Updated 4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
SITE SCOPE						
						\$ -
ARCHITECTURAL SCOPE						
OM A-1	66	L	Metal siding replacement	Replace/repair damaged and/or corroding metal siding in various locations throughout exterior walls.		\$ 15,200
OM A-2	69	H	Exterior door replacement	Replace corroding exterior metal doors		\$ 15,747
						\$ -
MECHANICAL SCOPE						
						\$ -
PLUMBING SCOPE						
						\$ -
ELECTRICAL SCOPE						
OM E-1	103	MH	Electrical panel replacement	Upgrade electric panels at O&M. Install 3 new 42 circuit panels in existing locations DISTRICT IDENTIFIED		\$ 45,600
OM E-2	109	H	Cameras	Replace 6 existing Cisco Cameras		\$ 15,504
OM E-3	109	H	Technology	District-wide Tech Upgrades		\$ 19,760
						\$ -

3	H	Total HIGH Priority CAPITAL PROJECT Scope▶	\$ 51,011
1	MH	Total MEDIUM HIGH Priority CAPITAL PROJECT Scope▶	\$ 45,600
0	M	Total MEDIUM Priority CAPITAL PROJECT Scope▶	\$ -
1	L	Total LOW Priority CAPITAL PROJECT Scope▶	\$ 15,200
Total CAPITAL PROJECT Scope▶			\$ 111,811



Medium-High Ranking

Bethlehem CSD

Updated

4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
Medium-High Scope						
HAM S-2	55	1	Asphalt repair	Mill/Fill paved blacktop around building DISTRICT IDENTIFIED		\$ 207,898
HAM S-3	55	1	Curb replacement	Replace portions of damaged/deteriorating curb sections		\$ 7,600
HAM S-4	55	1	Parking lot maintenance	Seal cracks in parking area		\$ 5,016
HAM S-5	56	1	Concrete replacement	Replace deteriorating sidewalks		\$ 39,520
MS S-9	59	1	Multipurpose field work	Site - Add bleacher pads, irrigation, etc. DISTRICT IDENTIFIED /PREVIOUS 5 YP		\$ 258,400
HS S-9	58	1	Batting Cage Varsity Baseball	Provide Varsity Baseball Batting Cage DISTRICT IDENTIFIED		\$ 57,760
HS S-10	58	1	Concrete bleacher pads Field Hockey	Field Hockey Bleacher Pad PREVIOUS 5 YP		\$ 16,416
HS S-11	60	1	Dugouts Varsity Softball field	Install dugouts at Varsity Softball field DISTRICT IDENTIFIED		\$ 380,000
GLE A-6	68	1	Masonry repair	Repair masonry on parapets DISTRICT IDENTIFIED		\$ 68,400
GLE A-14	77	1	Flooring replacement	Remove old carpet & replace w/ VCT (Rooms 1A, 65, 66, 67, & 68) DISTRICT IDENTIFIED		\$ 25,691
SLI A-5	72	1	Install gutter Rear Canopy	Rear Canopy - install gutters DISTRICT IDENTIFIED		\$ 4,560
HS A-34	81	1	Replace display case Rm F157	Replace display cabinet near Café Rm F157 DISTRICT IDENTIFIED		\$ 5,130
HS A-35	81	1	Display Case RM F160	Add display cases in the D/E Wing hallway transition DISTRICT IDENTIFIED		\$ 112,480
HS A-38	85	1	Gym A Rm G101 Equipment replacement	Gym A Rm G101 - Replace Bleachers, Hoops, Wall Pads, Acoustic Panels, Repaint Walls and Ceiling DISTRICT IDENTIFIED		\$ 301,340

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
GLE AP-1	-	1	Pit Area	Renovate/repurpose pit areas DISTRICT IDENTIFIED		\$ 45,600
MS E-4	109	1	Exterior Clocks and Lighting	Replace exterior clock wiring and lighting		\$ 30,400
HS E-6	109	1	Scoreboards Gym B	Gym B - replace scoreboards and shot clocks DISTRICT IDENTIFIED		\$ 47,120
OM E-1	103	1	Electrical panel replacement	Upgrade electric panels at O&M. Install 3 new 42 circuit panels in existing locations DISTRICT IDENTIFIED		\$ 45,600
HS A-31	78	1	Floor finishes	Front custodial entrance - Pour slab and epoxy floor DISTRICT IDENTIFIED		\$ 3,800
ELS S-2	58	2	Install fence	Install fence along Herrick in back & maybe near swing set DISTRICT IDENTIFIED		\$ 18,696
ELS S-3	58	2	Drainage improvement	Improve field drainage DISTRICT IDENTIFIED		\$ 53,200
GLE S-1	44	2	Storm water management	Extend drainage piping in back field DISTRICT IDENTIFIED		\$ 68,400
HAM A-16	81	2	Replace deteriorated casework	Replace deteriorated millwork throughout Classrooms 01, 02, 03, 04 05, 06, 07, 08, 10, 11, 13 and 32A		\$ 169,434
SLI A-16	82	2	Door replacement	Replace solid doors with 1/4 lite wood doors (Rooms B11, B4, B3, 45, 28, 31, 32 & 33) DISTRICT IDENTIFIED		\$ 38,608
SLI A-18	82	2	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	82	2	Doors	Replace Doors into Classrooms 1-11, and Library.		\$ 28,956
MS A-7	66	2	EIFS Damage	Lower GYM Birds in the EIFS, Tech rooms EIFS Replacement (2 Panels). Replace/Repair		\$ 33,136
HS A-30	78	2	Floor finishes Rm F105	Rm F105 Auto Shop add epoxy floor DISTRICT IDENTIFIED		\$ 21,523
HS E-7	109	2	Pool sound system RM G102	Pool sound system PREVIOUS 5 YP		\$ 45,600
HAM S-1	44	3	Site drainage	Improve drainage/grading for existing gravel drip strips along southwest side old building		\$ 4,788
HAM A-7	73	3	Metal roof recoating	Re-Coat Metal Roof DISTRICT IDENTIFIED / PREVIOUS 5 YP		\$ 167,960
HAM A-9	73	3	Roofs	Add EIFS work at the skylight		\$ 45,600

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
SLI A-4	72	3	Window balance springs	38 windows at primary wing need new balance spring packs DISTRICT IDENTIFIED		\$ 28,880
MS A-3	66	3	Wall louvers Exterior	Replace several select exterior metal louvers		\$ 7,600
MS A-5	66	3	Masonry restoration	Fill-in voids/holes at various locations throughout exterior masonry walls.		\$ 3,648
MS A-6	66	3	Masonry restoration	Repoint brick at various locations throughout exterior masonry walls.		\$ 102,600
HS A-24	77	3	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-25	77	3	Floor finishes RM A103	Earth Science Classroom A 103 replace flooring		\$ 11,260
HS A-26	77	3	Floor finish Rms B118 and B119	Suspected VAT in Rooms B118 Closet and B119 Jan Closet		\$ 9,044
HS A-27	77	3	Floor finish RM C100	C100 Special Ed repair/replace vinyl tile flooring		\$ 6,348
HS A-28	77	3	Floor finish Rms adjacent to Rm C119	Suspected VAT in 3 rooms connected above File room C119.		\$ 7,752
HS A-29	77	3	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
GLE E-1	104	3	Install select exterior lighting	Install 8 exterior lighting wall packs from basketball courts back & around the building DISTRICT IDENTIFIED		\$ 12,160
HS E-3	104	3	G100 Lighting	Replace (12) T5HO dimmable fixtures with LED fixtures		\$ 18,240
						\$ -

19	1	MH-1	Total MH-1 CAPITAL PROJECT Scope▶	\$ 1,662,731
10	2	MH-2	Total MH-2 CAPITAL PROJECT Scope▶	\$ 501,646
15	3	MH-3	Total MH-3 CAPITAL PROJECT Scope▶	\$ 734,376
Total CAPITAL PROJECT Scope▶				\$ 2,898,752



FFE

Bethlehem CSD

Updated 4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding	Project Cost (2022 Bid)
FFE Scope (Incidentals)						
MS AP-1a		H	Auditorium	New Seats		\$ 157,500
MS AP-3a		H	Library furniture	LMC Furniture DISTRICT IDENTIFIED		\$ 181,333
MS AP-5a		H	Equipment for Tech shop rooms 037,039, 045	Equipment for rooms DISTRICT IDENTIFIED		\$ 17,000
MS AP-6a		H	Equipment for Digital Classrooms	Renovate RM 125, 127 and 129 to be 2 digital classrooms. Equipment for rooms DISTRICT IDENTIFIED		\$ 35,000
HS AP-3a		H	Main Office / Admin Office	Furniture for same (5 work stations total)		\$ 30,000
HS AP-4a		H	Wood Shop F107	Equipment for same		\$ 25,000
HS AP-5a		H	Auto Shop F105	Equipment for same		\$ 15,000
ELS S-1a		H	Playground Improvements	Climbing Structure		\$ 10,000
HAM S-6a		H	Playground Equipment	New Equipment		\$ 100,000
						\$ -

H	Total HIGH Priority CAPITAL PROJECT Scope▶	\$ 570,833
M	Total MEDIUM Priority CAPITAL PROJECT Scope▶	\$ -
L	Total LOW Priority CAPITAL PROJECT Scope▶	\$ -
Total CAPITAL PROJECT Scope▶		\$ 570,833

**SCOPE - MS AUD****Bethlehem CSD**

Updated 4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding Model	Project Cost (2022 Bid)
SITE SCOPE						
						\$ -
ARCHITECTURAL SCOPE						
MS AUD A-1			House - Window Treatment	Existing: Windows are nice to have, but frequently covered. Window covering is beyond useful life. Recommended: Replace window covering with motorized dual roller semi-blackout system.		\$ 34,200
MS AUD A-2			House - Flooring	Existing: Existing flooring is beyond useful life, cracking, chipping, spalling. Recommended: Replace with epoxy only, no carpet		\$ 219,141
MS AUD A-3			Stage - Configuration	Existing: Front of stage curves out and is not flat, risers to not meet the edge and it wastes space. Stairs from house to stage are removable and not ideal. Recommended: consider change front profile of stage and adding proper stage access from house.		\$ 40,432
MS AUD A-4	79		House - Orchestra Pit	Existing: Choral risers are set up in the orchestra pit choral rehearsal 4 days a week, and for concerts. When risers are in place, first row of chairs are not usable and HCP areas not accessible due to risers and access. Slope of the pit does not allow for piano to sit flat, causing tuning issues and stress on instrument's structure; seat count is a priority over using a Grand Piano in the room. Recommended: Investigate adding a flat pit above the current sloped level and/or re-sloping entire house and pit slab		\$ 87,552
MS AUD A-5			House - Ceiling work	Existing: very nice coffered ceiling and barrel vault that the district wants to keep. Recommended: Modification to allow for hvac supply and return ducting and electrical for new lighting, paint entire ceiling		\$ 39,414

MS AUD A-6			House - Paint	Existing: space will need to be painted Recommended: Paint all walls		\$ 22,800
MS AUD A-7			Stage - Off Stage Storage	Existing: Stage right is raised above stage level by 8", making off stage storage difficult, with an already lack of storage. Recommended: Alter structure to remove raised area. Area not large enough to effective demo a portion of it and add ramp, not without reducing stage are more		\$ 7,296
MS AUD A-8	79		Stage - Flooring	Existing: Stage floor is in poor shape, coming apart. Recommended: Replace Stage floor similar to High School floor.		\$ 33,030
MS AUD A-9			Stage - Access	Existing: Stage access is only via single door at back of stage. This door is visible during performances. Single door makes it hard to move scenery and other items in and out. Recommended: Look at reconfiguring access and size of door. Look a t possibility of a coiling door at back of stage (scenery / piano access)		\$ 4,256
MS AUD A-10			Rigging / Curtains	Existing: Limited fly space and lines to fly. No electrified lines. No fly bar for cyclorama. Need more lines for scenery Recommended: 4 electrically controlled lines for Stage electrical, 1 electrically controlled line for front of house stage electrical. Concert Shells, if possible would need more.. New Curtains throughout (masking, legs, borders, main, etc.)		\$ 292,600
MS AUD A-11			Concert Shells / Active Acoustics	Existing: Existing stage has no shells and the have trouble getting projection from mid stage Recommended: Rollaway flip top acoustic reflectors. Do not have the height to fly the 'ceiling of the shells', nowhere to store the vertical portions. Active acoustics is roughly 500K top 750K...not a real option.		\$ 24,320
MS AUD A-12			Control Booth	Existing: Projection booth has no windows to the house. Sound board is not located here. Recommended: Provide windows to the house, locate sound board (and subsequent wiring) here.		\$ 2,280
MS AUD A-13			Doors	Existing: House doors are noisy and interrupt performances Recommended: Replace doors and provide sound/light block entry path like at HS. Doors to have panic bars with keys for cylinder dogging.		\$ 22,982

MS AUD A-14			Choral Risers	Existing: Existing risers block first row of seating including ADA seating areas, and there is no storage space for them. Recommended: Provide new risers that work better with the pit area available and consider storage options.		\$ 19,760
MS AUD A-15			Room 206	Existing: Not used Recommend: Make 206 Choral Practice room with dedicated risers. This takes pressure off risers in Aud.		\$ 45,600
						\$ -
MECHANICAL SCOPE						
MS AUD M-1			Heating / Ventilation	Existing: Lack of proper heating and ventilation. Uneven heating, grills in apron and walls blow cold air. In winter, sheet music flies off music stands when air circulating. Lack of proper ventilation at the projection booth Recommended: Add more return locations so stage front is not the only spot, rework/add supply locations to even out supply or heating and cooling		\$ 106,400
MS AUD M-2			Air Conditioning	Existing: Space is not air conditioned. Recommended: Provide air conditioning. Consider A/C for upper classroom behind Auditorium as well.		\$ 83,600
						\$ -
PLUMBING SCOPE						
						\$ -
ELECTRICAL SCOPE						
MS AUD E-1			House Lighting	Existing: House is dark when lights are on. House lighting control is not secure, they can be leaned on and turned on or off. Recommended: Replace house lighting with all LED lighting		\$ 380,000
MS AUD E-2			Power - Stage and House	Existing: House and stage need more outlets Recommended: Adding outlets to house and stage		\$ 30,400

MS AUD E-3			<p>Theatrical AC System: Video/ Audio/ CCTV</p> <p>Existing: - Projector set up and connectivity requires a cable from the projector to the sound board, which is less than ideal. No connection from projector to stage. Projector location also not ideal. Improve audio capabilities. -Wireless mics pick up stray broadcasts, only half of them work -Current audio and video systems are too complex.</p> <p>Recommended: -Replace and relocate projector with Wi-Fi streaming capabilities for connection to sound board, stage, etc. Provide improved audio functionality. -Replace all wireless mics with the intention of using the same system as the HS/ES so the district can pool resources and share equipment, renting the current best is also an option -Provide user friendly audio and video systems Including new projector, screen and cameras</p>		\$ 608,000
MS AUD E-4			<p>Smart Podium</p> <p>Existing: None</p> <p>Recommended: Add smart podium for presenters.</p>		
MS AUD E-5			<p>Video/ Audio/ CCTV system</p> <p>Existing: System blocks-off section of seats.</p> <p>Recommended: Relocate Control room</p>		\$ -
MS AUD E-6			<p>Projection Screen</p> <p>Existing: Current screen is in bad shape and needs to be closer to front of stage.</p> <p>Recommend: Add new screen</p>		\$ -
MS AUD E-7			<p>Speakers: Stage Sound Monitors</p> <p>Existing: Pit Singer and Musicians have a hard time staying in sync</p> <p>Recommended: Add sound monitors.</p>		\$ -
MS AUD E-8			<p>Intercoms, Green Rooms, Screens</p> <p>Existing: No system</p> <p>Recommended: Add stage sound monitors and screens as required, classrooms used for this function now. Lobby definitely need TV and sound from stage for late arrivals. Add a proper com system with ports backstage and front of house</p>		\$ -

MS AUD E-9			Theatrical Equipment - Production Lighting	<p>Existing: Lighting angles from front of balcony are very bad. Lighting angles in general are a continual issue. Apron of stage (front third of stage) and pit are not properly lit. The balance of the stage is better lit. Mezzanine follow spots take up seat space and are not permanent.</p> <p>Recommended: Provide vertical tormentor lighting bar on either side. Ceiling mounted lights are NOT desired. Replace all lights on current balcony bar, possibly reconfigure balcony bar. Find better home for follow spots</p>		\$ 380,000
						\$ -

Total Scope ► \$ 2,484,063



SCOPE - MS LMC

Bethlehem CSD

Updated 4/13/2021

Ref No.	BSC Ref No.	Priority	Item	Scope Description	Funding Model	Project Cost (2022 Bid)
SITE SCOPE						
ARCHITECTURAL SCOPE						
			Help Desk (1090)	Renovate helpdesk to be multi-functioning to provide a service window/area that's welcoming to students and allows staff to supervise other areas of the library at the same time. Helpdesk is inviting and casual like the new space at the HS		\$ -
			Circulation Desk	Renovate circulation desk to be more efficient and support student interaction with staff. Figure out Book Return		\$ -
			Entry	Not very inviting, or grand, rethink casework/display there.		\$ -
			Lab Spaces (1088, 1092, 1093, 1094)	Rooms are not very inviting or configured well. Rethink use and layout of the spaces. Maker Space, loud work, open areas?		\$ -
			Finishes	Repaint entire space, new ceiling, new lighting, new flooring throughout.		\$ -
			Furniture	New bookcases, tables seating, soft seating, mobile whiteboards, seating for meetings. Power in furniture		\$ -
			Riser area	The space could be improved, but don't want to lose it, reconsider orientation. Screen issues with presentations		\$ -
			Signage	Signage from the Main Office to LMC would help visitors navigate the building		\$ -
			Casework/Storage	To store student supplies, Faculty DVDs, rethink periodical storage and display.		
			Storage	Find a good home for book carts		
			Conf Room 1068	Remove room from plan		
			Project area	Collaboration or project area where student can be louder, glass walled for supervision.		
			Break Room	Currently in the IT Help Desk area, needs to move.		
						\$ -
MECHANICAL SCOPE						
			AC System	Review VAV and startup sequence		\$ -
			Lab Spaces (1088, 1092, 1093, 1094)	Heating cooling is inconsistent in the area and the fans are noisy. Replace equipment as needed to align with reconfigured space.		\$ -

						\$	-
PLUMBING SCOPE							
			Sink	Currently sink is in the IT Office, it needs a better home. Add new sink in new break room.		\$	-
						\$	-
ELECTRICAL SCOPE							
			Projection	Replace and reconfigure projection set up to better utilize the space and better accommodate the use cases, may be two projection areas.		\$	-
			Cameras	Add camera or cameras to record a presenter		\$	-
			Displays	Near collaboration areas, where students can screencast to them. Tie screens to Auditorium cameras to use LMC as green-room		\$	-
			Displays	Large mobile monitor at help desk.			
			Software	To monitor student activity on Chromebook		\$	-
			New Outlets in room	All new outlets to have USB.		\$	-
			NEW Window Shades	NEW ROOM DARKENING window shades at all exterior windows to darken room for presentations		\$	-
						\$	-

MS FACS

Updated 4/13/2021

1. Use the HS as a model for the Kitchen room
2. Room 150
3. Teachers Hayes and Coogler (1.5 teachers)
 - a. One shared Kitchen (made out of 150A, 148, 146)
 - b. 7 kitchen stations, accommodate 4 kids each
 - c. One of the statins need to be ADA
 - d. Each station Electrical stove with oven, sink, ample countertop, microwave, outlets for hot plate or grill, cabinets associated with each station for bakeware.
 - e. Kitchen proper
 - i. Big refrigeration w/ freezer
 - ii. Pantry, storage.
 - iii. As much counter and storage as possible.
 - iv. Direct access form 150 is not required, keep it if you can.
 - v. Demonstration station, cook top, overhead camera, no water or sink.
 - f. Washer dryer somewhere in kitchen.
 - g. Where is power coming from? Talk to Sage about newish service.
 - h. Room 150, sewing too...no program for us.
4. 2 Classrooms (150 and 147)
 - a. Small demo island, dry demos: measure ingredients, etc.
 - b. Biggest class 29 max
 - c. Room 150 – Casework on the orchestra wall stay.
5. Room 021
 - a. Remove all things. Make it a staff break room
 - b. Hot floor
 - c. Kitchenette capabilities, cabinetry.
6. Teacher in 147 Middle school Digital Classroom Renovation (under program) –
 - a. 128 125 are target rooms

MS New Digital Tech Room

Updated 4/13/2021

1. Three rooms
 - a. 125, 127 and 129
2. 1 Divider
3. 3D printer room with ventilation
4. LMC inspired – Interactive white boards...lots of them
5. FFE heavy
6. AC maybe, only as needed by equipment.