

FY 2024 CIP CAPITAL IMPROVEMENT PROGRAM





Melissa A. Williams, President

Stan E. Stouffer, Vice President

Members

Pieter Bickford

Darrell E. Evans

Michael L. Guessford

Linda J. Murray

Dr. April A. Zentmeyer

 \Diamond \Diamond \Diamond \Diamond

Dr. David T. Sovine Superintendent of Schools

The Board of Education does not discriminate on the basis of age, ancestry/national origin, color, disability, ethnicity, gender identity/expression, marital status, race, religion, sex, sexual orientation, or socio-economic status in matters affecting employment or in providing access to programs and services to Washington County Public Schools (WCPS) current or prospective students or parent or legal guardians.

CAPITAL IMPROVEMENT PROGRAM FY 2024

TABLE OF CONTENTS

TABLE	OF CONTENTS	. 1
INTROI	DUCTION	. 3
FY 202	4 SYSTEMIC RENOVATION REQUESTS	
E.	Russell Hicks Middle – Chiller/Cooling Tower Replacement	. 5
Cle	ear Spring Elementary – Boiler Replacement Request for Approval of Funding - 102.2 Form Budget Sheet	11
Ple	easant Valley Elementary – HVAC Replacement Request for Approval of Funding - 102.2 Form Budget Sheet	17
Ea	stern Elementary – Boiler/Chiller Replacement Request for Approval of Funding - 102.2 Form Budget Sheet	23
Sp	oringfield Middle – Electrical Distribution Replacement	29
На	ncock Middle/High – Electrical Distribution Replacement	35
Sn	nithsburg Middle – Electrical Distribution Replacement	41
No	orth Hagerstown High – Roof Replacement Request for Approval of Funding – 102.2 Form Budget Sheet Washington County Public Schools Roof Inspections	47
Liı	ncolnshire Elementary – Chiller Replacement Request for Approval of Funding - 102.2 Form Budget Sheet	59

Smithsburg Elementary – Chiller Replacement Request for Approval of Funding – 102.2 Form Budget Sheet	65
Boonsboro Elementary – Window/Door Replacement Request for Approval of Funding - 102.2 Form Budget Sheet	71
Marshall Street – Electrical Distribution Replacement Request for Approval of Funding - 102.2 Form Budget Sheet	77
FUTURE SYSTEMIC PROJECT REQUESTS	
FY2025 Systemic Renovations – Future Project Requests 102.3 Form	83
Replacement Project – Future Project Request – (BTL 2020) 102.3 Form	84
FY2026 Systemic Renovations – Future Project Requests 102.3 Form	85
FY2027 Systemic Renovations – Future Project Requests 102.3 Form	86
FY2028 Systemic Renovations – Future Project Requests 102.3 Form	87
FY2029 Systemic Renovations – Future Project Requests 102.3 Form	88
SUMMARY	
Summary of Current and Future Project Requests 102.4 Form	89
PROJECT STATUS	
Status of Previously Approved Projects 102.5 Form	91
APPENDIX	
Elementary School Attendance Zone Map	
Middle School Attendance Zone Map	97

Introduction

This document presents the recommendation for the Fiscal Year (FY) 2024 State Capital Improvement Program (CIP) request. This request mirrors the prioritization of facility and system needs that were identified in the 2022 Educational Facilities Master Plan (EFMP) approved by the Board of Education in June 2022.

To receive state funding, the Washington County Public Schools (WCPS) CIP request must meet the requirements set forth in COMAR 14.39 and in the Maryland Public School Construction Program's (PSCP's) Administrative Procedures Guide for the submission of the CIP. The CIP consists of three distinct parts:

- Requests for Approval of Planning
 - These approvals are needed for each large capital project involving new schools, replacement schools, renovations, modernizations and additions for which WCPS intends to seek state funding in the next fiscal year. Approval of planning requests signifies the state's commitment to future construction funding. There are no requests for planning approval of these types of projects in FY 2024 based on recent local funding constraints.
- Requests for Approval of Funding
 These requests are required for any capital project that has received partial funding
 in a previous year or is projected to begin construction during the fiscal year.
 These requests are made for both major projects and systemic renovation projects.
- Future Project Requests
 These requests outline future fiscal year capital requests in accordance with the EFMP.

After submission of the CIP to the state, the PSCP staff reviews the requests and prepares recommendations for the Interagency Commission on School Construction (IAC). The IAC reviews, recommends and approves the funding for public school construction projects that will become part of the final statewide CIP. This process usually runs from submission of the request in October until May of the following year.

The project requests are listed in priority order using the following criteria:

- 1) Projects partially funded and currently under construction.
- 2) Projects that provide additional capacity when needed.
- 3) Projects that include the replacement of inadequate building or building systems as necessary to maintain school operations.
- 4) Projects that allow a facility to better accommodate current instructional programs.
- 5) Projects that increase the levels of efficiency in the operation of a school facility.

Mirroring the EFMP, The FY 2024 CIP request also identifies a future project to construct a replacement elementary school using approximately \$20.8 million in funding provided by the State's Built to Learn Act (BTLA) as well as approximately \$7 million in future fiscal year State CIP funding. The proposed project would replace Fountain Rock and Hickory elementary schools with a new 4-round, 76,000 square foot school built on property owned by the Board of Education at the Center for Education Services. This project will only move forward based on the ability of local government to provide approximately \$15 million in matching funds. Inclusion of this future project within the FY 2024 CIP signals to the IAC the Board of Education's intent to request and utilize the BTLA funding on this project and that Local Planning Approval will be sought in the FY 2025 CIP.

E. RUSSELL HICKS MIDDLE PSC NO. 21.038 CHILLER/COOLING TOWER REPLACEMENT

	IAC															
PSC No.:	21.038	<u> </u>					FUNDING	PROGRAM:	PSCP CIP	Y		BUII T	TO LEAR	11	1	
LEA:	Washington	<u>∥</u> Countv					TONDING			Facility Rene	wal	DOIL	IO LEAK	`		
		icks Middle School							FY:			Date	Submitted	: 9/20/22	_	
ADDRESS:	•	mac Street, Hagers		1740							•		vised Date			
ADDICESS.	1021 0.1 010	mac otrect, magers	, town, mb z	1740					PRIORITY #:	•			Visca Bate			_
PROJECT TYPE	Primary Syste	•		HVAC:	X		Structu	ral:			Facility Re	_		_	Windows/E	oors:
		Electr	ical Upgrad	е					С	OST SHARE %	6: STA	ATE _7	79% L	OCAL	21%	<u> </u>
C	OOPERATIVE	USE														
HIG	H PERFORMA	ANCE														
	CHOOL NUME					GRADE			SRC	841		•				
Asset Tag N	lumber of PS	(if applicable)				Year P	S Entered Serv	rice 1991/199	8							
CURRE	NT FUNDING R	EQUEST:	\$1,864,	000				EXPECTED	FIVE-YEAR I	PROGRAM FU	NDING RE	QUESTS				TOTAL:
TOTA	PRIOR STATE	FUNDS:	\$0		FY2025		\$0 FY2026	\$0	FY2027	\$(0 FY2028		\$0 FY2029	9	\$0	\$1,864,000
								,,,		*			**			* 1,000 1,000
1. SITE:		Acreage	34,440	Date IAC		N/A	MHT	2 0-4-	-f MUT Davies	N/A		In DEA	X Water	X	Sewer	X
1. 511 L.			04.440	_ Approved		IVA	Category #	<u>J</u> Date	of MHT Review	N/A	_	III 1 A	N Water	^	Jewei	
2. EXISTING FAC	ILITY:															
			_		NOVATI		DEMOL		TOTAL					e building	g compone	ent was last
ORIGII	JAI	Gross SF 103,131	<u>Date</u> 1967	Gross SF		<u>Date</u>	Gross SF	<u>Date</u>	Gross S	<u>F</u> 03,131	replace	d with Sta	te Funds:			
ADDIT		103,131	1907						- ''	-		1990	chillers			
ADDIT										-		1000) oriniors		_	
ADDIT	ION									-						
ADDIT										-						
TOTA	AL.	103,131		-			-		10	03,131						
have occurred to work orders, etc. 5. Detailed Scope This project will refuse the RTU's, FCU's we their service lives and appropriate the Programmati not remove or me. 6. Alternative Sol There are no altern critical to WCPS's	keep the syst) e: (What do yo replace the two re replaced in s. The current facility enhanc c Agreement to odify any state ution: What el ative solutions educational deli		e., condit of rep inspection of rep inspection of rep inspection of rep inspection of rep installed in pads, struct nd Historic occurred duccorrect the mponent, as	ions in the ann lacement, and victions occurring project; Det one (1) cool ane water co 1991, and hural steel marting the last problem:	ual Educa well beyor g frequen scribe, v ing towe coled ch as also odificati e Maryla t 15 year	ational Faci d their expitty. As par with measer at E. R hillers (12 reached ions), etc and Publi rs [Cross	pected and remain t of its reactive m surements) ussell Hicks M 5 ton, 215 ton the end of its c. to support the ic School Cone corridor Franceted and remain	. This project vining useful life aintenance prolitical. The of that supply service life. e new equip struction Prones (2009 Assing useful se	vill replace two (cycles. In addit ogram, WCPS has 103,131 sf sch or chill water to The project v oment. As a C ogram for Coi SP),HVAC (20 rvice life. As p	2) chillers that wi tion, the control s s responded to 6 nool was origin to the HVAC sy vill replace all Category III fac mpliance with 14, 2019 ASP)	Il be 26 year ystems for t work orders nally built stem were associate cility, this the Maryla , Electrica	is old and (1 the chillers/c on the chillers/c on the chill in 1967. The last instand piping/p project mand Histor I (2013), S) one cooling cooling tower ers and cooling from the majorit alled in 199 numps/contects the critical Trust structural (2)	tower that vare continuing tower in y of the H 8 and have trols associteria liste Act of 198 2014)]***	will be 33 year ously monite the last 3 year VAC syste e reached ciated with d in Stipul 55. ****Th	em (AHU's, the end of n these units, ation VI.A of is project will
7. What Caused t	his Problem?	(normal wear and t	ear, poor co	ontractor per	forman	ce, poor	materials, imp	roper maint	enance)?							
Age and normal we	ear/tear.															

What are the consequences if this project Check all that apply:	t is not approved:											
1. Failure of system is likely to cause shutdown of facility for purposes of delivering educational programs and services. 2. System is currently adversely affecting the delivery of educational programs & services. 3. System is currently causing serious threats to life, safety, or health of facility occupants. 4. System is currently causing violations of building or other official codes. X 5. System is currently causing or will imminently cause damage to other building systems.												
X 6. Replacement/installation will increase the remaining useful lifespan (RUL) of other building systems in the facility, thereby extending the RUL of the facility.												
9. ENROLLMENT PROJECTIONS	Year→	2022	2023	2024	2025	2026	2027	2028	2029	Difference		
(Requested)	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE		
Requested School:	841	824	805	800	805	807	803	807	816	25		
Entering an X in the Electrical Upgrade/Replace electrical system or upgrade to the electrical ca				the N/A								
11. BUDGET:	Estin	Total nated Project Budget		Estimated Local Estimated Net State Funds Funding								
Design 7% Construction	\$ \$	165,000 2,360,000	\$		165,000 496,000		\$ \$	1,864,000				
Site Development 19%	\$		\$		-		\$	0				
Other (Furniture and Fixtures, etc.) 2%	\$	47,000	\$		47,000		\$	0				
Construction	Cost \$	2,572,000	\$		708,000		\$	1,864,000				
Contingency 5% High Performance Costs (Administrative only)	\$\$	118,000	\$		118,000		\$ \$					
Total	\$	2,690,000	\$		\$826,000		\$	1,864,000				
12 SCHEDULE: Date A/E Hired:	7/26/2023	Ed. Specs: N/A			Estimated Bid:	1/8/2024	Actual Bi	d Date:				
Schematic Design: Construction Document: _ Revised 7/2021		Development: N/A		Estir	Estimated Construction:		Actual Const					

E. RUSSELL HICKS MIDDLE - SYSTEMIC RENOVATION - CHILLER/COOLING TOWER REPLACEMENT	LEA: WASHINGTON COUNTY
---	------------------------

			LEA. WAS	DHINGIC	ON COUNTY
		Total			
	C	onstruction			
State Construction Cost Calculation		Cost	79% State Share		cal Share
		CUSI	1970 State Share	LC	cai Share
New/Addition Cost/sf					
Estimate of Work See attached Scope of Work	\$	2,360,000	\$ 1,864,400	\$	495,600
New sf 0 x \$ 385	\$	· · ·	\$ -	\$, , <u>, , , , , , , , , , , , , , , , , </u>
		_			
Cooperative Arrangement 0 x \$ 385	\$	-	\$ -	\$	-
Site Development 19%	\$	-	\$ -	\$	-
	\$	2,360,000	\$ 1,864,400	\$	495,600
Renovation		_,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	T	,
Age of Structure Construction Year sf to be renovated Cost/sf % Covered Cost					
40 & Over 0 x \$ 385 100% \$ -					
31-39					
26-30 0 x \$ 385 75% \$ -					
21-25 0 x \$ 385 65% \$ -					
16-20					
0-15					
	Φ.		•		
· ·	\$	-	\$ -	\$	-
Cooperative Arrangement 0 x \$ 385	\$	-	\$ -	\$	-
Site Development 5%	\$	-	\$ -	\$	-
	\$		-	\$	
		-			
Contingency 0.0%	\$	-	\$ -	\$	-
Maximum State Construction Cost	\$	2,360,000	\$ 1,864,400	\$	495,600
Less Prior State Funding		_,,,,,,,,	\$ -		,
Less Filor State Funding			φ -		
			\$ -		
Net State Construction Cost	\$	2,360,000	\$ 1,864,400	\$	495,600
Other Local Costs					
Construction Costs					
Additional sf 0 x \$ 385 /sf <i>n/a</i>	\$	-		\$	-
Site Development 12%	\$	_		\$	_
·		440.000			440.000
Contingency 5.0% No longer supported through State funding	\$	118,000		\$	118,000
Utilities 1.5%				\$	-
Water/Sewer Connection Fees n/a	\$	_		\$	_
		-			
					47.000
Inspection & Testing 2.0%	\$	47,200		\$	47,200
Inspection & Testing 2.0%	\$	47,200		\$	47,200
		47,200		\$	47,200 -
Inspection & Testing 2.0% Furniture & Equipment 0% n/a	\$	47,200		\$ \$ \$	47,200 - -
Furniture & Equipment 0% n/a		47,200		\$ \$ \$	47,200 - - -
	\$	47,200		\$ \$ \$ \$	47,200 - - - -
Furniture & Equipment 0% n/a Professional Service	\$	-		\$ \$ \$ \$	- - -
Furniture & Equipment 0% n/a		47,200 - 165,200		\$ \$ \$	- - -
Furniture & Equipment 0% n/a Professional Service	\$	-		\$ \$ \$ \$ \$ \$	- - -
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7%	\$	-		* * * * * * * *	- - -
Furniture & Equipment 0% n/a Professional Service	\$	-		\$ \$ \$ \$ \$ \$	- - -
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs	\$	-		* * * * * * * * * * * * * * * * * * * *	- - -
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7%	\$ \$	-		* * * * * * * * * * * * * * * * * * * *	- - -
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs	\$ \$	-		*****	- - -
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs	\$ \$	-		* * * * * * * * * * * * * * * * * * * *	- - -
Furniture & Equipment 0% n/a Professional Service 7% Other Project Specific Costs none	\$ \$ \$ \$	- 165,200 - - -		*****	165,200 - - - - - -
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs	\$ \$	-		*****	165,200 - - - - - - -
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs none Local Cost Sub-total	\$ \$ \$ \$	- 165,200 - - - 330,400		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	165,200 - - - - - - - - - - - - - - - - - -
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs none None Local Cost Sub-total	\$ \$ \$ \$	- 165,200 - - -	\$ 1,864,400	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	165,200 - - - - - - - - - - - - - - - - - -
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs none	\$ \$ \$ \$	- 165,200 - - - 330,400	\$ 1,864,400 \$ (400)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	47,200 - - - 165,200 - - - 330,400 826,000
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs none Indicate the sequipment of the project Specific Costs of the project Specific	\$ \$ \$ \$	- 165,200 - - - 330,400		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	165,200 - - - - - - - - - 330,400

SCOPE OF WORK - E. RUSSELL HICKS MIDDLE - SYSTEMIC RENOVATION - CHILLER/COOLING TOWER REPLACEMENT

General conditions Remove/Demo existing Chillers/Cooling Tower New Chiller Plant Piping/Pumps/Structural/Concrete/Facility modifications Controls	\$ \$ \$ \$ \$ \$	60,000 40,000 2,000,000 200,000 60,000
	\$	2,360,000

PSC NO. 21.042 BOILER REPLACEMENT

	IAC																		
PSC No.:	21.042							FUNDIN	G PRO	GRAM:	PSCP CIP	X			BUILT	TO LEAR	NI	1	
LEA:	Washington (l Countv						TONDIN	01110		QUEST TYPE:		enew	al	DOILI	CLAN			
SCHOOL NAME:			,								FY:		2024		Date :	Submitted	1: 9/20/22	_	
ADDRESS:	12627 Broadf			Spring MI	21722								2				: 11/18/22)	
ABBILLOO.			,	- Jan 19 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9							PRIORITY #:								
PROJECT TYPE	(Primary Systei	m/PS):	Roof:		HVAC	X		Stru	ctural:					acility Re				Windows/D	oors:
			Electrica	al Upgrad	е						С	OST SHAF	RE %:	STA	ATE	<u>9%</u> L	OCAL	21%	
C	OOPERATIVE L	JSE																	
HIG	SH PERFORMA	NCE																	
s	CHOOL NUMB	ER					GRADES		-		SRC		386						
Asset Tag N	Number of PS (i	if applicabl	le)				Year PS	Entered S	ervice	1987									
CURRE	ENT FUNDING RE	EQUEST:		\$569,0	00				EXF	PECTED	FIVE-YEAR	PROGRAM	I FUN	DING RE	QUESTS				TOTAL:
TOTA	L PRIOR STATE I	FUNDS:		\$0		FY2025		\$0 FY2	026	\$0	FY2027		\$0	FY2028		\$0 FY202	9	\$0	\$569,000
			Acreage		Date IAC				HT										
1. SITE:			Acreage	9.000	_ Approved		N/A	Categor	y# <u>2</u>	Date	of MHT Review	/N/A			In PFA	C Wate	X	Sewer	X
2. EXISTING FAC	ILITY:																		
	_				RE	NOVATE	D	DEM	OLISHE	ED	TOTAL	L		3. Indica	ate below t	he date ti	he buildin	g compone	ent was last
		Gross		Date	Gross SF		<u>ate</u>	Gross SI	<u> </u>	<u>Date</u>	Gross S			replace	d with Stat	e Funds:			
ORIGII ADDIT			38,257	1954	38,257	2	000				;	38,257				,			
ADDIT	-		5,136	2000					+			5,136			ľ	ı/a		_	
ADDIT	· .																		
ADDIT	ION											-							
TOTA	AL		43,393		38,257				-		•	43,393							
4. Describe all pr	arantira maint		livitina tha																
have occurred to											al inspections of h boiler are perf								tions in the /land Division of
work orders, etc.			(,	Labor	and Industry S	afety Inspe	ection Unit.	. This projec	ct will repl	lace boile	rs that will be 37	7 years old at	t the tir	me of repla	acement and				aining useful life
					•				/CPS has	responde	ed to 15 work or	ders on thes	e boile	rs in the la	st 3 years.				
5. Detailed Scope																			
This project is in was renovated in	•		•	` '			•		•	•	•		•		•	•		•	
project. The proj	•	•			•		٠,									•		•	
and controlled in																			
of the Environme		•		•					_			•						_	•
replaced as part			, ,	• •	•			•			•	•			•				•
School Construc		-	ince with t	the Maryla	and Historic	al Trust A	Act of 198	35. ****Th	is proje	ct will n	ot remove or	modify an	y stat	te-funde	d work tha	occurre	d during th	ne last 15 y	ears [Security
Vestibule (2014 S			lone to co	rroct tho	nroblom:														
There are no alte WCPS's education			_	•		•				ng usefu	ıl service life.	The abilit	ty to p	orovide h	eat to this	facility d	uring wint	er months	is critical to
7. What Caused t	this Problem? ((normal wea	ar and tea	r, poor co	ontractor pe	rformano	e, poor n	naterials, i	mprope	r mainte	enance)?								
Age of the Boiler	, and normal w	ear/tear.																	

8. What are the cons Check all that app	equences if this project is no ly:	ot approved:											
	X 1. Failure of s	ystem is likely to c	ause shutdown of facili	ty for purposes o	of delivering	educational programs	s and services.						
	2. System is c	urrently adversely	affecting the delivery o	f educational pro	ograms & se	rvices.							
	3. System is c	urrently causing s	erious threats to life, sa	fety, or health of	f facility occ	upants.							
	4. System is c	urrently causing vi	olations of building or	other official cod	des.								
	X 5. System is c	System is currently causing or will imminently cause damage to other building systems.											
	X 6. Replaceme	nt/installation will i	ncrease the remaining (useful lifespan (I	RUL) of othe	r building systems in	the facility, thereby	extending the RL	JL of the facility.				
9. ENROLLMENT PROJECTIONS		Year→	2022	2023	2024	2025	2026	2027	2028	2029	Difference		
(Requested)		SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE		
Requested School:		386	367	370	379	376	380	385	378	372	14		
	ELECTRICAL POWER: ectrical Upgrade/Replacement f	iald an manad india	4 4b-4 4bisis-4 ins.b		f the N/A								
	grade to the electrical capacity.				n the IN/A								
			Total		Estimate	d Local		Estima	ated Net State				
11. BUDGET:		Esti	mated Project Budget		Fun	ds		!	Funding				
Design	7%	\$	50,000	9	\$	50,000		\$	0				
Construction		\$	720,000	9	\$	151,000		\$	569,000				
Site Development	19%	\$	<u>-</u>	\$	\$	<u>-</u>		\$	0				
Other (Furniture and	d Fixtures, etc.) 2%	\$	15,000	9	\$	15,000		\$	0				
	Construction Cost	\$	785,000	\$	\$	216,000		\$	569,000				
Contingency	5%	\$	36,000	\$	\$	36,000		\$					
High Performance C (Administrative only)		\$	-	\$	\$	-		\$	-				
	Total	\$	821,000	\$	\$	\$252,000		\$	569,000				
12 SCHEDULE:	Date A/E Hired: <u>7/26/2</u> 0)23	Ed. Specs: N/A			Estimated B	id: 1/8/2024	Actual B	id Date:				
	Schematic Design: N/A	Design	n Development: N/A			Estimated Construction	on: 6/10/2024	Actual Const	truction:				
C Revised 7/2021	Construction Document: 11/21	2023			Estir	mated Project Completion	on: 8/16/2024	Project Com	pletion:				

CLEAR SPRING ELEMENTARY - SYSTEMIC RENOVATION - BOILER REPLACEMENT		LEA: WASHINGTON COUNTY
	Total	

EAR SPRING ELEMENTARY - SYSTEMIC RENOVATION - BOILER REPLACEMENT		Total					
	C	onstruction					
ate Construction Cost Calculation		Cost		70% St	ate Share		Local Share
	+	0031		7 3 70 00	ate onare		Lucai Silaie
w/Addition Cost/sf							
Estimate of Work See attached Scope of Work	\$	720,000		\$	568,800	\$	151,20
New sf 0 x \$ 385	\$	-		\$	-	\$	
Cooperative Arrangement 0 x \$ 385	\$	_		\$	_	\$	
Site Development 19%	\$			\$	_	\$	
Site Development 1970		<u>-</u>					
	\$	720,000		\$	568,800	\$	151,20
novation							
Age of Structure Construction Year sf to be renovated Cost/sf % Covered Cost							
40 & Over 0 x \$ 385 100% \$ -							
26-30 0 x \$ 385 75% \$ -							
21-25 0 x \$ 385 65% \$ -							
16-20							
0-15 0 x \$ 385 0% \$ -							
				_		_	
0 \$ -	\$	-	1	\$	-	\$	
Cooperative Arrangement 0 x \$ 385	\$	-		\$	-	\$	
Site Development 5%	\$	_		\$	_	\$	
	\$	_		\$	_	\$	
0.00/							
tingency 0.0%	\$			\$	-	\$	
imum State Construction Cost	\$	720,000		\$	568,800	\$	151,20
				Ψ	000,000	Φ	
Less Prior State Funding		-,			-	Φ	<u> </u>
Less Prior State Funding		-,		\$	-	Φ	,
		·		\$ \$	-		•
	\$	720,000		\$ \$	568,800	\$	·
State Construction Cost		·		\$ \$	-		•
State Construction Cost		·		\$ \$	-		•
State Construction Cost er Local Costs		·		\$ \$	-		•
State Construction Cost er Local Costs Construction Costs	\$	·		\$ \$	-	\$	151,20
State Construction Cost	\$	·		\$ \$	-	\$	151,20
State Construction Cost er Local Costs Construction Costs Additional sf 0 x \$ 385 /sf n/a Site Development 12%	\$ \$	720,000		\$ \$	-	\$	151,20
State Construction Cost er Local Costs Construction Costs Additional sf 0 x \$ 385 /sf n/a Site Development 12%	\$	·		\$ \$	-	\$	151,20
State Construction Cost er Local Costs Construction Costs Additional sf 0 x \$ 385 /sf n/a Site Development 12% Contingency 5.0% No longer supported through State funding	\$ \$	720,000		\$ \$	-	\$	151,20
State Construction Cost er Local Costs Construction Costs Additional sf 0 x \$ 385 /sf n/a Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5%	\$ \$ \$	720,000		\$ \$	-	\$ \$ \$ \$ \$	151,20 36,00
State Construction Cost Per Local Costs Construction Costs Additional sf 0 x \$ 385 /sf n/a Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a	\$ \$ \$ \$ \$	720,000 - 36,000		\$ \$	-	\$ \$ \$ \$ \$ \$	151,20 36,00
State Construction Cost er Local Costs Construction Costs Additional sf 0 x \$ 385 /sf n/a Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5%	\$ \$ \$	720,000		\$ \$	-	\$ \$ \$ \$ \$ \$ \$	151,20 36,00 14,40
State Construction Cost er Local Costs Construction Costs Additional sf 0 x \$ 385 /sf n/a Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a	\$ \$ \$ \$ \$	720,000 - 36,000		\$ \$	-	\$ \$ \$ \$ \$ \$	151,20 36,00 14,40
State Construction Cost Construction Costs	\$ \$ \$ \$	720,000 - 36,000		\$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	151,20 36,00 14,40
State Construction Cost er Local Costs Construction Costs Additional sf 0 x \$ 385 /sf n/a Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a	\$ \$ \$ \$ \$	720,000 - 36,000		\$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	36,00 14,40
State Construction Costs Construction Costs	\$ \$ \$ \$	720,000 - 36,000		\$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	36,00 14,40
State Construction Costs Construction Costs	\$ \$ \$ \$ \$ \$	720,000 - - 36,000 - 14,400		\$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	36,00 14,40
State Construction Costs Construction Costs	\$ \$ \$ \$	720,000 - 36,000		\$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	36,00 14,40
State Construction Cost Construction Costs	\$ \$ \$ \$ \$ \$	720,000 - - 36,000 - 14,400		\$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	36,00 14,40
State Construction Costs Construction Costs	\$ \$ \$ \$ \$ \$	720,000 - - 36,000 - 14,400		\$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	151,20 36,00 14,40 50,40
State Construction Cost Construction Costs	\$ \$ \$ \$ \$ \$	720,000 - - 36,000 - 14,400		\$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	36,00 14,40 50,40
State Construction Costs Construction Costs Additional sf	\$ \$ \$ \$ \$ \$ \$ \$	720,000 - - 36,000 - 14,400		\$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	36,00 14,40 50,40
State Construction Cost Construction Costs	\$ \$ \$ \$ \$ \$ \$ \$ \$	720,000 - - 36,000 - 14,400		\$ \$	-	* * * * * * * * * * * * * * * * * * * *	36,00 14,40 50,40
State Construction Costs Construction Costs Additional sf	\$ \$ \$ \$ \$ \$ \$ \$	720,000 - - 36,000 - 14,400		\$ \$	-	* * * * * * * * * * * * * * * * * * * *	36,00 14,40 50,40
State Construction Costs Construction Costs Additional sf	\$ \$ \$ \$ \$ \$ \$ \$	720,000 - 36,000 - 14,400 - 50,400		\$ \$	-	**************	36,00 14,40 50,40
State Construction Costs Construction Costs Site Development 12% 1.5% 1.5% Water/Sewer Connection Fees 1.5% Water/Sewer Connection Fees 1.5% 1	\$ \$ \$ \$ \$ \$ \$ \$	720,000 - - 36,000 - 14,400 - 50,400		\$ \$	-	****************	36,00 14,40 50,40
State Construction Costs Construction Costs Additional sf	\$ \$ \$ \$ \$ \$ \$ \$	720,000 - 36,000 - 14,400 - 50,400		\$ \$	-	**************	36,00 14,40 50,40
State Construction Costs Construction Costs	\$ \$ \$ \$ \$ \$ \$ \$	720,000 - - 36,000 - 14,400 - 50,400		\$ \$	-	****************	151,20 36,00 14,40 50,40
State Construction Cost Construction Costs	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	720,000 - 36,000 - 14,400 - 50,400		\$	568,800	***************	151,20 36,00 14,40 50,40
ter Local Costs Construction Costs Additional sf 0 x \$ 385 /sf n/a Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs none Local Cost Sub-total	\$ \$ \$ \$ \$ \$ \$ \$	720,000 - - 36,000 - 14,400 - 50,400		\$ \$	568,800	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	151,20 36,00 14,40 50,40
t State Construction Costs Construction Costs Additional sf 0 x \$ 385 /sf n/a Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs none	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	720,000 - 36,000 - 14,400 - 50,400		\$ \$ \$	568,800	***************	151,20 36,00 14,40 50,40

SCOPE OF WORK - CLEAR SPRING ELEMENTARY - SYSTEMIC RENOVATION - BOILER REPLACEMENT

General conditions	\$ 22,000	
Removal of old boilers including asbestos	\$ 33,000	
HW circulation loop/controls/new HW pumps/pads	\$ 132,000	
Purchase/Installation of high efficiency boiler systems	\$ 500,000	
Boiler start up	\$ 6,000	
Checkout of equipment	\$ 17,000	
Location of facility	\$ 10,000	
	\$ 720,000 Total Estimated Cos	ŧ

PLEASANT VALLEY ELEMENTARY PSC NO. 21.022 HVAC REPLACEMENT

Interagency Commission on Sci	AC roof Construction													
	.022				FUNDING PRO		PSCP CIP			BUILT TO	LEARN			
LEA: Was SCHOOL NAME: PIG	ashington County	entary				REQ	UEST TYPE: FY:	Facility Renew 2024	al	Date Su	bmitted: 9	9/20/22		
		Knoxville, MD 21758	3				PRIORITY #:	3			ed Date: 1			
PROJECT TYPE (Prin	many Systom/DS):	Roof:	HVAC:	: X	Structural:		1 Idold11 #	Other E	acility Re	nowal:		Wind	lows/D	oors:
PROJECT TIPE (PIII	nary System/FS).	Electrical Upgrad			Structural.		co	ST SHARE %:	-		6 LO		21%	
COOF	PERATIVE USE			_							_			
	PERFORMANCE													
	OOL NUMBER ber of PS (if applica	ible)		GRADE Year P	S PK-5 S Entered Service	1990	SRC _	225		•				
	FUNDING REQUEST:	\$2,173	000				FIVE-YEAR P	ROGRAM FUN	IDING RE	OUESTS				TOTAL:
	IOR STATE FUNDS:	\$0	,000	FY2025	\$0 FY2026	\$0	FY2027		FY2028		FY2029		\$0	\$2,173,000
				1 12025		Ψ	1 12027	Ψ0	1 12020	Ψ	1 12023		ΨΟ	Ψ2,170,000
1. SITE:		Acreage 11.700	Date IAC Approved	N/A	MHT Category #_ 2 _	Date of	of MHT Review_	N/A		In PFA	Water	X Se	ewer	X
2. EXISTING FACILIT	Υ:													
	<u> </u>			NOVATED	DEMOLISH		TOTAL			ate below the		building con	npone	nt was last
ORIGINAL	Gros	<u>Ss SF</u> <u>Date</u> 19,793 1960	Gross SF 19,793	<u>Date</u> 1991	Gross SF	<u>Date</u>	Gross SF 19	9,793	replace	d with State	Funds:			
ADDITION		8,757 1990	.,					8,757		199	0			
ADDITION ADDITION								-						
ADDITION								-						
TOTAL		28,550	19,793		-		28	8,550						
4. Describe all preventave occurred to kee work orders, etc.)	ep the system opera	tional? (i.e., cond This its re	itions in the a project will re active mainte	nnual Educational place an HVAC sys nance program, Wo	or an HVAC system in Facilities Master Pla stem that will be 34 y CPS has responded t	n. In addi ears old a	ition, control sy at the time of re	stems are conti placement and v	nuously n well beyor	nonitored, upond nd its expected	lated with i	nspections of	ccurrin	g frequently.
5. Detailed Scope: (V This project will replace						SO with a	full renovation	and addition in	1990 The	current HVA	evetom is	comprised o	f one (1) Air Handler
Unit (AHU), 25 cabinet	unit ventilator units (C	CUV's) and 15 fan coil u	nits (FCU's) th	nat were all installe	ed in 1990. The main	focus of t	this project to r	eplace the aging	HVAC sy	/stem, as it ha	s become ι	unreliable and	spare	parts are no
longer manufactured a replaced as deemed ne		• •				•			•			•		
requirements and incre	ease energy efficiency.	. A new direct digital of	control (DDC)	temperature contro	ol system will be inst	alled as p	art of this proje	ect. As a Catego	ory II facili	ity, this projec	t received a	a streamlined	review	from the
Maryland Historic Trus Generator (2018 ASP)]*	· ·	lance with the marylan	a Historicai Tr	rust Act of 1985.	""" I nis project will r	iot remov	e or modify any	/ state-funded w	ork that c	occurrea aurin	g the last 1	5 years [Boile	ers (201	2), Emergency
6. Alternative Solution	n: What else can be	done to correct the	problem:											
There are no alternat	tive solutions for this	s building compone	nt, as it has s	surpassed its exp	pected and remaini	ing usefu	ıl service life.	The HVAC sys	stem sup	plying a tem	pered spa	ace to this fa	cility i	s critical to
WCPS's educational	delivery.													
7. What Caused this	Problem? (normal w	vear and tear, poor c	ontractor pe	rformance, poor	materials, imprope	r mainte	nance)?							
Age and normal wea	r/tear.													

8. What are the consequences if this project is not approved:															
	Check all that apply:														
	1. Failure of system is likely to cause shutdown of facility for purposes of delivering educational programs and services. 2. System is currently adversely affecting the delivery of educational programs & services. 3. System is currently causing serious threats to life, safety, or health of facility occupants. 4. System is currently causing violations of building or other official codes.														
-		. System is currently causing violations of building or other official codes.													
_	Х	5. System is currentl	ystem is currently causing or will imminently cause damage to other building systems.												
	Х	6. Replacement/installation will increase the remaining useful lifespan (RUL) of other building systems in the facility, thereby extending the RUL of the facility.													
9. ENROLLMENT PROJECTIONS	OLLMENT JECTIONS OLLMENT Year→ 2022 2023 2024 2025 2026 2027 2028 2029 Difference														
(Requested)			SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE			
Requested School:			225	212	227	221	234	234	232	231	231	-6			
10. EMERGENCY E	LECTRICAL	. POWER:													
				es that this project involved the Shelter Compliance											
11. BUDGET:			Estin	Total nated Project Budget		Estimate Fun				ated Net State					
Design Construction		7%	\$	193,000 2,750,000	\$		193,000 577,000		\$ \$	2,173,000					
Site Development		19%	\$	-	\$		-		\$	0					
Other (Furniture and	fixtures, etc.) 2%	\$	55,000	\$		55,000		\$	0					
	Con	struction Cost	\$	2,998,000	\$		825,000		\$	2,173,000					
Contingency		5%	\$	138,000	\$		138,000		\$						
High Performance Co (Administrative only)			\$	-	\$		-		\$	-					
	Total		\$	3,136,000	\$		\$963,000		\$	2,173,000					
12 SCHEDULE:	Date A	E Hired: 7/26/2023		Ed. Specs: N/A			Estimated Bid:	1/8/2024	Actual Bi	id Date:					
	Schematic	Design: N/A	Design	Development: N/A			Estimated Construction:	6/10/2024	Actual Const	truction:					
C Revised 7/2021	onstruction Do	ocument: 11/21/2023				Estir	mated Project Completion:	8/16/2024	Project Com	pletion:					

PLEASANT VALLEY ELEMENTARY - SYSTEMIC RENOVATION - HVAC REPLACEMENT		LEA: W	ASHINGTON COUNT	Υ

SANT VALLEY ELEMENTARY	/-SYSTEMIC RENOVATION - HVAC REPLACEMENT					
			Total			
		C	Construction			
Construction Cost Calculation			Cost	79% State Share	L	ocal Share
ddition	Cost/sf					
Estimate of Work	See attached Scope of Work	\$	2,750,000	\$ 2,172,500	\$	577,50
New sf	0 x \$ 385	\$	-	\$ -	\$,
Cooperative Arrangement	0 x \$ 385	\$	_	\$ -	\$	
Site Development	19%	\$	_	\$ -	\$	
оне дотегорителя		\$	2,750,000	\$ 2,172,500	\$	577,50
ation		φ	2,730,000	φ 2,172,300	φ	311,30
Age of Structure Construction						
40 & Over	0 x \$ 385 100% \$ -					
31-39	0 x \$ 385 85% \$ -					
26-30	0 x \$ 385 75% \$ -					
21-25	0 x \$ 385 65% \$ -					
16-20	0 x \$ 385 50% \$ -					
0-15	0 x \$ 385 0% \$ -					
L L	0 \$ -	\$	_	\$ -	\$	
Cooperative Arrangement	0 x \$ 385	- \$		\$ -	\$	
Site Development	5%	\$		\$ -	\$	
Site Development	570			•		
		\$		\$ -	\$	
gency	0.0%	\$	-	\$ -	\$	
		\$	2,750,000	\$ 2,172,500	\$	577,50
um State Construction Cost		Ψ	2,730,000		Ψ.	
um State Construction Cost	State Funding	Ψ	2,730,000		—	
um State Construction Cost	State Funding	Ψ	2,730,000	\$ - \$ -		
um State Construction Cost Less Prior S	State Funding			\$ - \$ -		577.50
um State Construction Cost	State Funding	\$	2,750,000	\$ -	\$	577,50
um State Construction Cost Less Prior S ate Construction Cost	State Funding			\$ - \$ -		577,50
um State Construction Cost Less Prior S ate Construction Cost Local Costs	State Funding			\$ - \$ -		577,50
um State Construction Cost Less Prior S ate Construction Cost Local Costs Construction Costs		\$		\$ - \$ -	\$	577,50
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional	sf 0 x \$ 385 /sf n/a	\$		\$ - \$ -	\$	577,50
um State Construction Cost Less Prior S ate Construction Cost Local Costs Construction Costs	sf 0 x \$ 385 /sf n/a	\$	2,750,000	\$ - \$ -	\$	
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional	sf 0 x \$ 385 /sf n/a	\$		\$ - \$ -	\$	
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding	\$	2,750,000	\$ - \$ -	\$ \$	
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5%	\$ \$	2,750,000	\$ - \$ -	\$ \$ \$ \$ \$	
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a	\$ \$ \$ \$	2,750,000	\$ - \$ -	\$ \$ \$ \$ \$ \$	137,50
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5%	\$ \$	2,750,000	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$	137,50
um State Construction Cost Less Prior S ate Construction Cost Local Costs Construction Costs Additional Site Develo	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0%	\$ \$ \$ \$ \$	2,750,000	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	137,50
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a	\$ \$ \$ \$	2,750,000	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	137,50
um State Construction Cost Less Prior S ate Construction Cost Local Costs Construction Costs Additional Site Develo	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0%	\$ \$ \$ \$ \$	2,750,000	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	137,50
um State Construction Cost Less Prior S ate Construction Cost Local Costs Construction Costs Additional Site Develo	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0%	\$ \$ \$ \$ \$	2,750,000	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	137,50
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional Site Develo	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% 0% n/a	\$ \$ \$ \$ \$	2,750,000 - 137,500 - 55,000	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	137,50 55,00
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional Site Develo	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% 0% n/a	\$ \$ \$ \$ \$ \$	2,750,000	\$ - \$ -	* * * * * * * * * * * * * * * * * * * *	137,50 55,00
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional Site Develo	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% 0% n/a	\$ \$ \$ \$ \$ \$	2,750,000 - 137,500 - 55,000	\$ - \$ -	* * * * * * * * * * * * * * * * * * * *	137,50 55,00
um State Construction Cost Less Prior S ate Construction Cost Local Costs Construction Costs Additional Site Develo Furniture & Equipment Professional Service	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% 0% n/a	\$ \$ \$ \$ \$ \$	2,750,000 - 137,500 - 55,000	\$ - \$ -	* * * * * * * * * * * * * * * * * * * *	137,50 55,00
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional Site Develo	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0%	\$ \$ \$ \$ \$ \$ \$	2,750,000 - 137,500 - 55,000	\$ - \$ -	****************	137,50 55,00
um State Construction Cost Less Prior S ate Construction Cost Local Costs Construction Costs Additional Site Develo Furniture & Equipment Professional Service	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% 0% n/a	\$ \$ \$ \$ \$ \$ \$ \$	2,750,000 - 137,500 - 55,000	\$ - \$ -	****************	137,50 55,00
um State Construction Cost Less Prior S ate Construction Cost Local Costs Construction Costs Additional Site Develo Furniture & Equipment Professional Service	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0%	\$ \$ \$ \$ \$ \$ \$ \$	2,750,000 - 137,500 - 55,000	\$ - \$ -		137,50 55,00
um State Construction Cost Less Prior S ate Construction Cost Local Costs Construction Costs Additional Site Develo Furniture & Equipment Professional Service	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0%	\$ \$ \$ \$ \$ \$ \$ \$	2,750,000 - 137,500 - 55,000	\$ - \$ -	****************	137,50 55,00
um State Construction Cost Less Prior S ate Construction Cost Local Costs Construction Costs Additional Site Develo Furniture & Equipment Professional Service	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% 0% n/a Architect/Engineer 7%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,750,000 - 137,500 - 55,000 - 192,500	\$ - \$ -	*******************	137,50 55,00 192,50
um State Construction Cost Less Prior S ate Construction Cost Local Costs Construction Costs Additional Site Develo Furniture & Equipment Professional Service	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0%	\$ \$ \$ \$ \$ \$ \$ \$	2,750,000 - 137,500 - 55,000	\$ - \$ -		137,50 55,00 192,50
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional Site Develo Furniture & Equipment Professional Service Other Project Specific Costs	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% 0% n/a Architect/Engineer 7%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,750,000 - 137,500 - 55,000 - 192,500	\$ - \$ 2,172,500	***********************	137,50 55,00 192,50
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional Site Develo Furniture & Equipment Professional Service Other Project Specific Costs	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% 0% n/a Architect/Engineer 7%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,750,000 - 137,500 - 55,000 - 192,500	\$ - \$ 2,172,500 \$ 2,172,500	* * * * * * * * * * * * * * * * * * * *	577,50 137,50 55,00 192,50 385,00
um State Construction Cost Less Prior State Construction Cost Local Costs Construction Costs Additional Site Develo Furniture & Equipment Professional Service Other Project Specific Costs	sf 0 x \$ 385 /sf n/a pment 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% 0% n/a Architect/Engineer 7%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,750,000 - 137,500 - 55,000 - 192,500	\$ - \$ 2,172,500	***********************	137,50 55,00 192,50

SCOPE OF WORK - PLEASANT VALLEY ELEMENTARY - SYSTEMIC RENOVATION - HVAC REPLACEMENT

General conditions Hazardous material abatement	\$ \$	50,000 20.000
Removal of old HVAC equipment (AHU, CUV's, FCU's, etc.)	\$	60,000
Architectural and structural modifications Electrical work, including ATC	\$ \$	120,000 500.000
Labor and material for installation of new HVAC system	\$	2,000,000
	\$	2,750,000

EASTERN ELEMENTARY PSC NO. 21.045 BOILER/CHILLER REPLACEMENT

Interepency Commission on School	Construction															
PSC No.: 21.0	45						FUNDING F	PROGRAM:	PSCP CIP	Х		BUILT TO	LEARN			
LEA: Was	hington County							RE	QUEST TYPE:	Facility Rene	wal					
SCHOOL NAME: Eas	tern Elementary								FY:	202	4	Date Su	bmitted:	9/20/22		
ADDRESS: 1320	Yale Drive, Hagerst	town, MD 217	41						PRIORITY #:	4		Revis	ed Date:	11/18/22		
PROJECT TYPE (Prima	ary System/PS):	Roof:		HVAC:	Y		Structur	·al·		Other	Facility Re	newal.		١	Windows/D	oors:
111002011112(111111	ary Cystemin C).	Electrical U	Jograde	IIVAO.			Oli delai	u	C	OST SHARE %	_	ATE 79%	LO	CAL	21%	
COOR	ERATIVE USE									,						
	ERFORMANCE		_													
	OL NUMBER		_		G	RADES	3-5		SRC	572						
	er of PS (if applicab	le)					Intered Serv	ice 1992	0.10			-				
_	UNDING REQUEST:		\$1,115,0	00					FIVE-YEAR F	DOCDAM ELL	NDING DE	OHESTS			I	TOTAL:
	OR STATE FUNDS:	- 4	\$1,115, <u>0</u> \$0	00												
1017121111	51(51)(1E 1 51 (B5)		ΨΟ		FY2025		\$0 FY2026	\$0	FY2027	\$	0 FY2028	\$0	FY2029		\$0	\$1,115,000
				Date IAC	<u> </u>		MHT					l .		ı		
1. SITE:		Acreage 20	0.390	Approved	N/A	Α.	Category #	3 Date	of MHT Review	N/A		In PFA X	Water	Х	Sewer	X
2. EXISTING FACILITY	•															
2. 22.01.110 17.012.111	•			REI	NOVATED		DEMOL	ISHED	TOTAL		3. Indic	ate below the	date the	building	compone	nt was last
	Gross	SF [Date	Gross SF	Dat	<u>te</u>	Gross SF	Date	Gross SI	Ξ		d with State I		·	•	
ORIGINAL		58,280 1	1992						5	8,280						
ADDITION ADDITION										-		199	2			
ADDITION																
ADDITION																
TOTAL		58,280		-			-		5	8,280						
4. Describe all prevent have occurred to keep work orders, etc.)			annual Labor a	Educational Fa and Industry Sa	acilities Mas afety Inspec	ter Plan. In tion Unit. T	n addition, insp This project will	ections of eac I replace boile	al inspections of h boiler are perfors rs and a chiller th , WCPS has resp	ormed annually on the second second in the second s	r biennially years old at	(depending on t the time of repla	ne type of acement ar	equipment) nd well beyo	by the Mary and their exp	land Division of
5. Detailed Scope: (Wh	at do you wish to ac	complish wit			<u> </u>				,							
This project is intende								support con	ponents at E	astern Elemei	ntary that	serve the 58,	280 sf fa	cility that	was built	in 1992. This
facility is heated by tw	o (2) H.B. Smith 1.8 I	MBTU gas fire	ed boile	rs that are o	riginal to	the scho	ol. The proj	ect will rep	lace the two (2	2) existing bo	ilers with I	high efficiend	y boilers	to offer l	better red	undancy,
system diversity, and	•	•							•	•	•					
piping/pumps/automa																
criteria listed in Stipul Act of 1985. ****This p												am for Comp	liance wi	ith the Ma	ryland His	storical Trust
Act of 1905. This pi	oject will not remov	e or inouny ar	ily State	-iuiiueu woi	ik tilat oct	Juii eu uu	ining the last	i io years [c	becurity illitiat	ive (2014 31)]						
6. Alternative Solution	: What else can be d	lone to correc	t the pr	oblem:												
There are no alternative		•			•	-		ining usefu	service life.	The ability to	provide he	eat to this fac	ility duri	ng winter	months is	s critical to
WCPS's educational d	elivery and protection	on of the facili	ity from	additional c	damage (fi	rozen pip	es/etc.).									
7. What Caused this P	roblem? (normal wea	ar and tear, po	oor con	tractor perfe	ormance,	poor mat	erials, impro	per mainte	nance)?							
Age of the Boiler/Chill	er, and normal wear/	tear.														

8. What are the conse		his project is not appro	ved:												
onook un uiut uppi	X														
-	^	1. Failure of system is	likely to cau	ise shutdown of facility	for purposes of	delivering e	ducational programs ar	nd services.							
		2. System is currently	adversely at	ffecting the delivery of e	educational prog	ırams & serv	rices.								
		3. System is currently	is currently causing serious threats to life, safety, or health of facility occupants.												
		4. System is currently	is currently causing violations of building or other official codes.												
Ī	х	5. System is currently	is currently causing or will imminently cause damage to other building systems.												
	х	Ī .	currently causing or will imminently cause damage to other building systems. ent/installation will increase the remaining useful lifespan (RUL) of other building systems in the facility, thereby extending the RUL of the facility.												
9. ENROLLMENT PROJECTIONS			Year→	2022	2023	2024	2025	2026	2027	2028	2029	Difference			
(Requested)			SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE			
Requested School: 10. EMERGENCY E			572	433	459	455	468	484	487	499	513	59			
11. BUDGET:			Estir	Total mated Project Budget		Estimate Fun				ated Net State Funding					
Design		7%	\$	99,000	\$	i	99,000		\$	0					
Construction			\$	1,411,000	\$		296,000		\$	1,115,000					
Site Development		19%	\$	<u>-</u>	\$		<u>-</u>		\$	0					
Other (Furniture and	Fixtures, etc.) 2%	\$	28,000	\$		28,000		\$	0					
	Co	onstruction Cost	\$	1,538,000	\$		423,000		\$	1,115,000					
Contingency High Performance Co	oete	5%	\$	71,000	\$		71,000		\$						
(Administrative only)			\$	<u>-</u>	\$		<u>-</u>		\$						
	Total		\$	1,609,000	\$		\$494,000		\$	1,115,000					
12 SCHEDULE:	Date A	VE Hired: 7/26/2023		Ed. Specs: N/A			Estimated Bid	1/8/2024	Actual B	id Date:					
	Schemati	c Design: N/A	Design	Development: N/A			Estimated Construction	6/10/2024	Actual Const	truction:					
С	onstruction D	ocument: 11/21/2023				Estir	nated Project Completion	8/16/2024	Project Com	pletion:					

EASTERN ELEMENTARY - SYSTEMIC RENOVATION - BOILER/CHILLER REPLACEMENT	LEA: WASHINGTON COUNTY

					SHINGT	
		Total				
	Co	nstruction				
State Construction Cost Calculation		Cost	7	9% State Share	- 1	ocal Share
New/Addition Cost/sf						
Estimate of Work See attached Scope of Work	\$	1,411,000	J.	\$ 1,114,690	\$	296,310
New sf 0 x \$ 385	\$	1,411,000		\$ -	\$	230,010
Cooperative Arrangement 0 x \$ 385	\$	_		\$ -	\$	_
Site Development 19%	\$	-		\$ - \$ -	\$	-
Site Development 1970		1 111 000				-
	\$	1,411,000		\$ 1,114,690	\$	296,310
Renovation						
Age of Structure Construction Year sf to be renovated Cost'sf % Covered Cost						
40 & Over						
31-39						
26-30 0 x \$ 385 75% \$ -						
21-25 0 x \$ 385 65% \$ -						
16-20						
0-15						
0 \$ -	\$	_	- 1:	\$ -	\$	-
Cooperative Arrangement 0 x \$ 385	\$	_		\$ -	\$	_
Site Development 5%	\$	_		\$ -	\$	_
G.o Borotophion.	\$	-		\$ -	\$	
Contingency 0.0%	\$	_		\$ -	\$	
		- 4 444 000				-
aximum State Construction Cost	\$	1,411,000		\$ 1,114,690	\$	296,310
Less Prior State Funding				\$ -		
				\$ -		
let State Construction Cost	\$	1,411,000		\$ 1,114,690	\$	296,310
ther Local Costs						
Construction Costs						
Additional sf 0 x \$ 385 /sf n/a	\$	-			\$	-
·	\$ \$	-			\$	-
Site Development 12%	\$	- - 70.550			\$	- - 70.550
Site Development 12% Contingency 5.0% No longer supported through State funding		- - 70,550			\$ \$	- - 70,550 -
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5%	\$ \$	- - 70,550			\$ \$ \$	- 70,550 -
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a	\$ \$	-			\$ \$ \$	-
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5%	\$ \$	- 70,550 - 28,220			\$ \$ \$ \$	70,550 - 28,220
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0%	\$ \$ \$ \$ \$ \$	-			\$ \$ \$ \$ \$ \$	-
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a	\$ \$	-			* * * * * * * *	-
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a	\$ \$ \$ \$ \$ \$	-			***	-
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service	\$\$ \$\$ \$\$	28,220			***	28,220 - - - - -
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a	\$ \$ \$ \$ \$ \$	-			***	-
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service	\$\$ \$\$ \$\$	28,220			***	28,220 - - - - -
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service	\$\$ \$\$ \$\$	28,220			***	28,220 - - - - -
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service	\$\$ \$\$ \$\$	28,220			***	28,220 - - - - -
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs	\$ \$ \$ \$ \$ \$	28,220			************	28,220 - - - - -
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7%	\$ \$ \$	28,220			9999999999999999	28,220 - - - - -
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs	\$ \$ \$ \$ \$	28,220			• • • • • • • • • • • • • •	28,220 - - - - -
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs none	\$ \$ \$ \$ \$ \$ \$ \$	28,220 - 98,770 - -			• • • • • • • • • • • • • •	28,220 - - - - - 98,770 - - -
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs	\$ \$ \$ \$ \$	28,220			• • • • • • • • • • • • • •	28,220 - - - - - 98,770 - - -
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service 7% Other Project Specific Costs none Local Cost Sub-total	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	28,220 - 98,770 - - 197,540			• • • • • • • • • • • • • • • • • • • •	28,220 - - - - - - 98,770 - - - - - - - - - - - - - - - - - -
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs none Local Cost Sub-total	\$ \$ \$ \$ \$ \$ \$ \$	28,220 - 98,770 - -		\$ 1,114,690	• • • • • • • • • • • • • • • • • • •	28,220 - - - - - 98,770 - - - - 197,540 493,850
Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5% Water/Sewer Connection Fees n/a Inspection & Testing 2.0% Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs none	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	28,220 - 98,770 - - 197,540		\$ 1,114,690 \$ 310 \$ 1,115,000	• • • • • • • • • • • • • • • • • • • •	28,220 - - - - - - 98,770 - - - - - - - - - - - - - - - - - -

SCOPE OF WORK - EASTERN ELEMENTARY - SYSTEMIC RENOVATION - BOILER/CHILLER REPLACEMENT

General conditions	\$ 22,000
Removal of old boilers/Chiller	\$ 30,000
Chiller installation/Chiller cost	\$ 500,000
CW Circulation loop/Controls/etc.	\$ 132,000
HW circulation loop/controls/new HW pumps/pads	\$ 132,000
Purchase/Installation of new high efficiency boiler systems	\$ 550,000
Boiler/chiller start up	\$ 10,000
Structural modifications	\$ 25,000
Location of facility	\$ 10,000_
	\$ 1,411,000 Total Estimated Cost

SPRINGFIELD MIDDLE PSC NO. 21.009 ELECTRICAL DISTRIBUTION REPLACEMENT

	IAC																		
Interagency Commission	n un Sulvui Constructio																		
PSC No.:	21.009							FUNDING I	PROGRAM:	PSCP CIP	X			BUI	LT TO	LEARN			
LEA:	Washington	County							RE	QUEST TYPE:	Facility R	Renewal	I					_	
SCHOOL NAME:	Springfield N	/liddle								FY:		2024		Da	te Sub	mitted:	9/20/22		
ADDRESS:	334 East Sur	nset Avenu	ıe, William	sport MD 2	21795					PRIORITY #:		5			Revise	d Date:	11/18/22		
PROJECT TYPE	(Brimanı Syata	m/DC\:	Roof:		HVAC:			Structui	rali	1		her Fac	ilitu Do	nowali				Windows/E	Doors:
PROJECT TIPE	(Filliary Syste	:III/F3).		al Upgrad				Structur	i ai.	C	OST SHA		STA		79%	1.0	CAL	21%	
	OOPERATIVE		2.000.10	u. opg.uu		-				J	001 01	···	0.,	``-	-1070		, G, 1L		-
	SH PERFORM		-																
	CHOOL NUME		_			c.	GRADES	6-8		SRC		1096							
	Number of PS		ble)				-	Entered Serv	rice 1977										
	ENT FUNDING R			\$747,00	00) FIVE-YEAR	DDOGDAN	M ELIND	ING DE	OHEST	re				TOTAL:
	L PRIOR STATE		-	\$747,00	,						FROGRAM			QUEST					
			_	- 40		FY2025		\$0 FY2026	\$0	FY2027		\$0	FY2028		\$0	FY2029		\$0	\$747,000
					Date IAC	"		MHT											
1. SITE:			Acreage	40.000	Approved	N/	Α	Category #	3 Date	of MHT Review	N/A	١		In PFA	Х	Water	Х	Sewer	X
2. EXISTING FAC	ILITY:																		
					RE	NOVATED	,	DEMOL	ISHED	TOTAI	L	3	3. Indica	ate belo	w the	date the	building	compon	ent was last
		Gros		<u>Date</u>	Gross SF	Da	ıte	Gross SF	<u>Date</u>	Gross S		r	eplace	d with S	State F	unds:			
ORIGII			134,755	1977						1:	34,755				4077				
ADDIT ADDIT											-	-			1977			4	
ADDIT																			
ADDIT											-								
TOTA	AL		134,755		-			-		1	34,755								
4 Danasiha allus		4	-41-141 41-	-4															
4. Describe all pr have occurred to				THE W						ncludes perform									
work orders, etc.		сті орсі ас	,ionan (i.e.																ted and remaining ch could result in a
·	•								hout the abilit	y to repair. As pa	rt of its reac	ctive mair	ntenance	program	ı, WCPS	has resp	onded to 3	5 work orde	rs on these
					ical system/Ge														
5. Detailed Scope					<u> </u>				414		- 1114 1-1-1		L 114 . 1	4077	D 1 .	41			
The project will r replacement part	•			_				•		-	_					_			
provide new ma			•			•		•		•								•	
facility, this proje				• '	,			•	•		•								
the Maryland His	torical Trust A	ct of 1985	. ****This p	project will	not remove	or modify	y any sta	ate-funded wo	ork that occ	urred during	the last 15	5 years	[Windo	ws Glaz	zing Do	oors (20	14), Gyn	ı floor (20	12), Flooring
(2007))]****																			
0.41(14 14th - 4 - 1																		
6. Alternative So					•														
There are no alte WCPS's education										ful service life	. The abil	lity to di	istribut	e electr	ricity th	rougho	out this fa	cility is cr	itical to
7. What Caused	this Problem?	(normal w	ear and tea	ar, poor co	ntractor pe	rformance	, poor m	naterials, impi	roper maint	enance)?									
Age of the Electr	ical Distribution	on System	, additiona	I service re	equirements	s (equipme	ent, tech	nology, etc.)	over the ye	ars, and norm	al wear/te	ar.							

Revised 7/2021

R What are the cone	oguanos if t	his project is not appr	ovod:											
Check all that app		ma project is not appr	oveu.											
	Х	1. Failure of system	is likely to ca	use shutdown of facili	ity for purposes o	f delivering	educational programs a	nd services.						
_		2. System is current	ly adversely a	affecting the delivery o	of educational pro	grams & se	vices.							
_		3. System is current	ly causing se	rious threats to life, sa	afety, or health of	facility occu	ıpants.							
		4. System is currently causing violations of building or other official codes.												
	Х	5. System is currently causing or will imminently cause damage to other building systems.												
	X													
. ENROLLMENT PROJECTIONS			Year→	2022	2023	2024	2025	2026	2027	2028	2029	Difference		
(Requested)			SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE		
Requested School:			1,096	748	736	772	765	785	802	808	813	283		
				es that this project invol- of the Shelter Compliance		indi	attached letter from the W cates this facility is not su		oublic shelter durin	g or after a federa				
1. BUDGET:			Estin	Total nated Project Budget		Estimate Fun				ated Net State Funding				
Design		7%	\$	66,000	\$		66,000		\$	0				
Construction			\$	945,000	\$		198,000		\$	747,000				
Site Development		19%	\$	<u>-</u>	\$		<u>-</u>		\$	0				
Other (Furniture and	d Fixtures, etc.) 2%	\$	19,000	\$		19,000		\$	0				
	Con	struction Cost	\$	1,030,000	\$		283,000		\$	747,000				
Contingency High Performance C	Coete	5%	\$	48,000	\$		48,000		\$					
(Administrative only))		\$	-	\$		-		\$	-				
	Total		\$	1,078,000	\$		<u>\$331,000</u>		\$	747,000				
2 SCHEDULE:	Date A	/E Hired: 7/26/2023		Ed. Specs: N/A			Estimated Bid:	1/8/2024	Actual B	id Date:				
	Schematic	Design: N/A	Design	Development: N/A			Estimated Construction:	6/10/2024	Actual Const	truction:				
C	Construction D	ocument: 11/21/2023				Estir	nated Project Completion:	8/16/2024	Project Com	pletion:				

SPRINGFIELD MIDDLE - SYSTEMIC RENOVATION - ELECTRICAL DISTRIBUTION REPLACEMENT	LEA: WASHINGTON COUNTY		
	Total		
	Construction		

		Total			
	C	Construction	700/ Ctata Chara		
State Construction Cost Calculation		Cost	79% State Share		Local Share
New/Addition Cost/sf	φ.	0.45,000	¢ 740.550	Φ.	400.450
Estimate of Work See attached Scope of Work	\$	945,000	\$ 746,550	\$	198,450
New sf 0 x \$ 385	\$	-	\$ -	\$	-
Cooperative Arrangement 0 x \$ 385	\$	-	\$ -	\$	-
Site Development 19%	\$	- 0.45,000	\$ -	\$	100.450
Renovation	\$	945,000	\$ 746,550	\$	198,450
Age of Structure Construction Year sf to be renovated Cost/sf % Covered Cost					
40 & Over 0 x \$ 385 100% \$ -					
31-39 0 x \$ 385 85% \$ -					
26-30 0 x \$ 385 75% \$ -					
20-30					
16-20 0 x \$ 385 50% \$ -					
0-15 0 x \$ 385 0% \$ -					
0 \$ -	\$	_	\$ -	\$	_
Cooperative Arrangement 0 x \$ 385	− \$	-	\$ -	\$	-
Site Development 5%	\$	_	\$ -	\$	_
one bevelopment.	\$		\$ -	\$	
Contingency 0.0%	\$		\$ -	\$	
Maximum State Construction Cost	\$	945,000	\$ 746,550	\$	198,450
Less Prior State Funding	Ψ	0 10,000	\$ -	Ψ	100,100
			\$ -		
Net State Construction Cost	\$	945,000	\$ 746,550	\$	198,450
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		
Other Local Costs					
Construction Costs					
Additional sf 0 x \$ 385 /sf n/a	\$	-		\$	-
Site Development 12%	\$	-		\$	-
Contingency 5.0% No longer supported through State funding	\$	47,250		\$	47,250
Utilities 1.5%				\$	-
Water/Sewer Connection Fees n/a	\$	-		\$	-
Inspection & Testing 2.0%	\$	18,900		\$	18,900
				\$	-
Furniture & Equipment 0% n/a	\$	-		\$	-
				\$	-
Professional Service				\$	-
Architect/Engineer 7%	\$	66,150		\$	66,150
				\$	-
Other Project Specific Costs				\$	-
none	\$	-		\$	-
	\$	-		\$	-
	\$	-		\$	-
Local Cost Sub-total	\$	132,300		\$	132,300
H.: D.I.		4.077.000	ф 740 		000 750
Maximum Budget	\$	1,077,300	\$ 746,550 \$ 450	\$ \$	330,750 250
Rounding NET FINAL PURCET	Φ.	4.070.000			
NET FINAL BUDGET	\$	1,078,000	\$ 747,000	\$	331,000

SCOPE OF WORK - SPRINGFIELD MIDDLE - SYSTEMIC RENOVATION - ELECTRICAL DISTRIBUTION REPLACEMENT

General conditions Replacing switchgears, main distribution panels, low voltage distribution	\$	40,000
panels, transformers, and branch distribution panels Miscellaneous (ceiling repairs/access/etc.)	\$ \$	850,000 55,000
	\$	945,000

This Page Intentionally Blank

HANCOCK MIDDLE/HIGH PSC NO. 21.025 ELECTRICAL DISTRIBUTION REPLACEMENT

	IAC																		
Interagency Commission	on Achaol Construction	11						FUNDING	DDOODAM	2002 012				BIIII	T TO 1	EARNI			
PSC No.: LEA:	21.025 Washington	County						FUNDING	PROGRAM:	PSCP CIP :QUEST TYPE		, Donou	ral	BUIL	LT TO L	EARN		J	
SCHOOL NAME:									· · · · ·	GOEST TIFE.		2024	rai	Dat	to Subn	nitted: 9	2/20/22	-	
ADDRESS:	289 W. Main		ock MF	21750								6					11/18/22		
ADDRESS:	209 VV. IVIAIII	Street, Hand	JOCK, IVID	7 2 17 50					•	PRIORITY #	:	0			Keviseu	Date.	11/10/22		
PROJECT TYPE (Primary Syste	em/PS):	Roof:		HVAC:		1	Structu	ral:			Other F	acility Re	enewal:			,	Windows/D	Doors:
			Electric	cal Upgrad	e X					С	OST SH	ARE %:	STA	ATE	79%	LOC	CAL	21%	_
C	OOPERATIVE I	USE																	
HIG	H PERFORMA	ANCE																	
S	CHOOL NUMB	BER	_				GRADES	6-12		SRC		591		_					
Asset Tag N	lumber of PS ((if applicable	∌) _				Year PS	Entered Serv	/ice 1956/196	8									
CURRE	NT FUNDING RI	EQUEST:		\$1,335,0	000				EXPECTED	FIVE-YEAR	PROGR	AM FUN	IDING RE	QUEST	s				TOTAL:
TOTAL	PRIOR STATE	FUNDS:		\$0		FY2025		\$0 FY2026	\$0	FY2027		\$n	FY2028		\$0 F	Y2029		\$0	\$1,335,000
						1 12023		40 1 12020	Ψ0	1 12027		Ψ0	1 12020		Ψ0	12023		Ψ0	ψ1,555,666
4 OITE:			Acreage	E4 070	Date IAC		NI/A	MHT							v		v		v
1. SITE:				51.070	Approved		N/A	_ Category #	2 Date	of MHT Review	v	I/A		In PFA	Х	Water	Х	Sewer	<u>X</u>
2. EXISTING FAC	ILITY:																		
	ı					NOVATE	D	DEMOL	ISHED	TOTA							building	compone	ent was last
051011		Gross S		Date	Gross SF		Date Date	Gross SF	<u>Date</u>	Gross S	_		replace	d with S	tate Fu	nds:			
ORIGIN ADDITI			50,718 41.141	1956 1968	6,815	1	1994				50,718 41,141		105	56/1968/2	2007 (fo	odor no	nol)		
ADDITI	-		4.950	2000						· ·	4,950		190	1900/2	2007 (16	euei pa	iriei)	L	
ADDITI			1,000	2000							-,000								
ADDITI	ON										-								
TOTA	AL	(96,809		6,815			-		!	96,809								
				IThe W	CDCti			electrical distrib						£0.0:1i4		latina fa a	:::::::::::::::::::::::::::::::::::::::		liki awa in Alaa
4. Describe all pro have occurred to				000000				This project wi											
work orders, etc.		eiii operatio	mair (i.e.	remair															ilable which could
	,				in a single poin ectrical system			hool's electrical	system withou	it the ability to re	epair. As p	art of its	reactive ma	aintenanc	e prograr	m, WCPS	has respo	onded to 20	work orders on
5. Detailed Scope	e: (What do you	u wish to ac	complis					urements)											
The project will in											•			_		_			
new feeder panel				•	•							•	•			-			
failure, could cau	•			•	•		•			•	•						_		•
transformers, and requirements set		•	_						-				_					_	
Historic Trust an																			
occurred during					_								•			_	•		
(2014)]****	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(,,	(=+	,,		(((,			, , , , , ,	,,			5 (===	,,	
6. Alternative Sol	ution: What el	se can be d	one to co	orrect the	oroblem:														
There are no alte	rnative solutio	ns for this b	ouilding	componen	t as it has su	urpasse	d its exp	ected and ren	naining use	ful service life	e. The a	bility to	distribut	e electri	icity thr	oughou	ıt this fa	cility is cr	ritical to
WCPS's education			_	•		•	•		_			•			-				
7. What Caused t	hio Brohlom?	(normal was	ar and to	or poor or	ntractor no	formon	00 00011	matariala imn	ronor maint	2000000									
. Wilat Causeu t	ilis Probleili?	(HOIIIIai wea	ii anu te	ar, poor co	illiactor per	TOTTIATIO	te, poor n	nateriais, imp	roper maint	enance) r									
Age of the Electri	ical Distributio	on System, a	dditiona	Il service re	equirements	(equipr	nent, tech	hnology, etc.)	over the ye	ars, and norm	nal wear	tear.							

8. What are the cons Check all that app	•	this project is not appr	oved:									
	Х	1. Failure of system	is likely to ca	use shutdown of facilit	ty for purposes o	of delivering	educational programs	and services.				
		2. System is current	ly adversely a	affecting the delivery o	f educational pro	ograms & se	rvices.					
		3. System is current	ly causing se	rious threats to life, sa	fety, or health of	f facility occ	upants.					
		4. System is current	ly causing vio	plations of building or	other official cod	ies.						
	X	5. System is current	ly causing or	will imminently cause	damage to other	r building sy	stems.					
	х	6. Replacement/insta	allation will in	ncrease the remaining (useful lifespan (l	RUL) of othe	r building systems in th	ne facility, thereby	extending the Rl	JL of the facility.		
9. ENROLLMENT PROJECTIONS			Year→	2022	2023	2024	2025	2026	2027	2028	2029	Difference
(Requested)			SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:			591	219	235	223	231	204	196	190	182	409
11. BUDGET:	grade to the e	recurred capacity. I rovice		f the Shelter Compliance Total nated Project Budget	Trocess.	Estimate Fun		<u> </u>		ated Net State Funding		
Design		7%	<u></u>	118,000	9	<u> </u>	118,000		\$	0		
Construction			\$	1,690,000	9		355,000		\$	1,335,000		
Site Development		19%	\$	-	9	<u> </u>	-		\$	0		
Other (Furniture and	d Fixtures, etc	.) 2%	\$	34,000	9	5	34,000		\$	0		
	Co	nstruction Cost	\$	1,842,000	\$	5	507,000		\$	1,335,000		
Contingency	N4-	5%	\$	85,000	\$	<u> </u>	85,000		\$			
High Performance ((Administrative only			\$	<u>-</u>	\$	<u> </u>	<u>-</u>		\$			
	Total		\$	1,927,000	\$		\$592,000		\$	1,335,000		
12 SCHEDULE:	Date A	VE Hired: 7/26/2023		Ed. Specs: N/A			Estimated Bid	1: 1/8/2024	Actual B	id Date:		
	Schematic Design: N/A Design Development: N/A						Estimated Construction	6/10/2024	Actual Cons	truction:		
(Revised 7/2021	Construction D	ocument: 10/30/2023				Esti	mated Project Completion	8/16/2024	Project Com	npletion:		

HANCOCK MIDDLE/HIGH - SYSTEMIC RENOVATION - ELECTRICAL DISTRIBUTION REPLACEMENT		LEA: WASI	HINGTON COUNTY
	Total Construction		
State Construction Cost Calculation	Construction	79% State Share	Local Share
New/Addition Cost/sf	0001	7070 Otato Charo	Local Offare
Estimate of Work See attached Scope of Work	\$ 1,690,000	\$ 1,335,100	\$ 354,900
New sf 0 x \$ 385	\$ -	\$ -	\$ -
Cooperative Arrangement 0 x \$ 385	\$ -	\$ -	\$ -
Site Development 19%	\$ -	\$ -	\$ -
	\$ 1,690,000	\$ 1,335,100	\$ 354,900
Renovation			
Age of Structure Construction Year sf to be renovated Cost/sf % Covered Cost			
40 & Over 0 x \$ 385 100% \$ -			
31-39 0 x \$ 385 85% \$ -			
26-30 0 x \$ 385 75% \$ -			
21-25 0 x \$ 385 65% \$ -			
16-20			
0 x \$ 385 0% \$ - 0 \$ -	\$ -	\$ -	\$ -
Cooperative Arrangement 0 x \$ 385		\$ -	\$ -
Site Development 5%	\$ -	\$ -	\$ -
Site Saveilering in	\$ -	\$ -	\$ -
Contingency 0.0%	\$ -	\$ -	\$ -
Maximum State Construction Cost	\$ 1,690,000	\$ 1,335,100	\$ 354,900
Less Prior State Funding	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ -	, , , , , , , , , , , , , , , , , , , ,
•		\$ -	
Net State Construction Cost	\$ 1,690,000	\$ 1,335,100	\$ 354,900
Other Local Costs			
Construction Costs			
Additional sf 0 x \$ 385 /sf n/a	\$ -		\$ -
Site Development 12%	\$ -		\$ -
Contingency 5.0% No longer supported through State funding	\$ 84,500		\$ 84,500
Utilities 1.5%			\$ -
Water/Sewer Connection Fees n/a	\$ -		\$ -
Inspection & Testing 2.0%	\$ 33,800		\$ 33,800
Furniture & Equipment 0% n/a	\$ -		\$ - \$ -
Furniture & Equipment 0% n/a	φ -		\$ -
Professional Service			\$ -
Architect/Engineer 7%	\$ 118,300		\$ 118,300
, 10.11.00	1.10,000		,
			\$ -
Other Project Specific Costs			\$ -
none	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
Local Cost Sub-total	\$ 236,600		\$ 236,600
Maximum Dudget	¢ 4,006,600	¢ 1225 400	¢ =04 =00
Maximum Budget Rounding	\$ 1,926,600	\$ 1,335,100 \$ (100)	\$ 591,500 \$ 500
NET FINAL BUDGET	\$ 1,927,000	\$ 1,335,000	\$ 592,000
ILLI I IIVAL DUDGLI	Φ 1,921,000	φ 1,333,000	φ 592,000

SCOPE OF WORK - HANCOCK MIDDLE/HIGH - SYSTEMIC RENOVATION - ELECTRICAL DISTRIBUTION REPLACEMENT

Replacing switchgears, main distribution panels, low voltage distribution	
panels, transformers, and branch distribution panels	\$ 600,000
Emergency Generator	\$ 600,000
Miscellaneous (ceiling repairs/access/etc.)	\$ 90,000
Work to in mechanical space (basement), location for generator/etc.	\$ 250,000
Remote location upcharge	\$ 100,000
	\$ 1,690,000

This Page Intentionally Blank

SMITHSBURG MIDDLE PSC NO. 21.008 ELECTRICAL DISTRIBUTION REPLACEMENT

Interspency Commission	AC on delived Gunstreation																			
PSC No.:	21.008							FUNDING	PROG	RAM:	PSCP CIP	Х			BUI	LT TO I	LEARN		1	
LEA:	Washington	County								REQU	UEST TYPE:	Facility R	enew							
SCHOOL NAME:	Smithsburg I	Middle									FY:		2024		Da	te Sub	mitted:	9/20/22		
ADDRESS:	66 N. Main St	treet, Smith	sburg, M	D 21783					_	F	PRIORITY #:		7		ı	Revise	d Date:	11/18/22		
PROJECT TYPE	Primary Syste	em/PS):	Roof:		HVAC:			Struct	ural:			Otl	her Fa	cility Re	enewal:			,	Windows/E	oors:
	, , - ,			al Upgrad			-				C	OST SHAF		STA		79%	LO	CAL	21%	
C	OPERATIVE	USE																		•
	H PERFORMA																			
s	CHOOL NUMB	BER	_				GRADES				SRC		839		_					
Asset Tag N	lumber of PS ((if applicab	le)				Year PS	Entered Se	rvice	1976										
CURRE	NT FUNDING R	EQUEST:		\$988,0	00				EXPE	CTED F	FIVE-YEAR P	ROGRAN	1 FUN	DING RE	EQUEST	S				TOTAL:
TOTA	PRIOR STATE	FUNDS:		\$0		FY2025	5	\$0 FY202	26	\$0	FY2027		\$0	FY2028		\$0	FY2029		\$0	\$988,000
					Date IAC			IMH	т								<u> </u>			
1. SITE:			Acreage	30.000	Approved		N/A	Category		Date of	f MHT Review	N/A			In PFA	X	Water	Х	Sewer	X
2. EXISTING FAC	II ITY·																			
2. 2					RE	NOVAT	ED	DEMO	LISHED)	TOTAL			3. Indica	ate belo	w the d	date the	building	compone	ent was last
		Gross		<u>Date</u>	Gross SF		<u>Date</u>	Gross SF	Da	ate_	Gross SF			replace	d with S	State Fu	ınds:			
ORIGII ADDIT		1	108,975	1976							10	8,975				1976				
ADDIT																1970			_	
ADDIT	ON											-								
ADDIT												-								
TOTA	AL	1	108,975		-				-		10	8,975								
4. Describe all pr have occurred to work orders, etc.	keep the syst			condi time d	tions in the a of replacement oblies are obs	nnual Ed it and we solete an	ducational F ell beyond t nd new repla	r an electrical Facilities Mast their expected acement parts fits reactive n	er Plan. I and rem s are no I	This pr naining u longer re	oject will repl useful life cycl eadily availabl	ace the em les. The ge e which co	nergen enerate ould re	cy genera or, and th sult in a s	ator and e main d single po	distribu listribut oint of fa	ition pandion pane ailure for	els that w ls, sub pa the schoo	ill be 48 ye nels, and s ol's electric	ars old at the switchgear cal system
5. Detailed Scope																				
The project will r electrical equipm product will prov all code requiren facility, this proje the Maryland His	ient, replacements and ents. A new ents. A new etc meets the co	ent parts a ergency ger emergency criteria liste	re no long nerator an generato ed in Stipu	ger made, a nd new mai or will be in ulation VI.A	and in the even distribution in the even distr	vent of a on pane art of th gramma	a failure, c els, distribu his project itic Agreen	could cause to ution panels t. The emerg nent betwee	this faci , transfo jency ge n the Ma	ility to re ormers, enerator aryland	emain close and branch r will be size Historic Tru	d until rep circuit pa d to inclu st and the	olacen inels. de the e Mary	nent par The systemates alar Iand Pu	ts could stem wi rm syst blic Sch	l be pro Il be br em, an nool Co	ocured of ought u d other onstruct	or custon p to curr compone ion Prog	n made. Tent standents. As a ram for C	The final ards to meet a Category III
6. Alternative Sol	ution: What el	se can be o	done to co	orrect the	oroblem:															
There are no alte WCPS's education			_	•		•	•		•	•	l service life.	The abili	ity to	distribut	te electr	icity th	rougho	ut this fa	cility is cr	itical to
7. What Caused t	his Problem?	(normal we	ar and te	ar, poor co	ntractor pe	rforman	ice, poor r	materials, im	proper i	mainter	nance)?									
Age of the Electr	ical Distributio	on System,	additiona	I service r	equirements	(equip	ment, tecl	hnology, etc	.) over tl	he year	s, and norma	al wear/te	ar.							

Revised 7/2021

8. What are the cons Check all that app		his project is not appr	roved:											
Oneck all that app	ory.													
	Х	1. Failure of system	is likely to ca	use shutdown of facili	ty for purposes o	of delivering	educational programs a	nd services.						
		2. System is current	ly adversely	affecting the delivery o	f educational pro	grams & se	vices.							
		3. System is current	ly causing se	rious threats to life, sa	ifety, or health of	facility occu	ipants.							
		_4. System is current	ly causing vi	olations of building or	other official cod	es.								
	х	5. System is current	ly causing or	will imminently cause	damage to other	building sys	stems.							
	X	6. Replacement/inst	allation will ir	ncrease the remaining	useful lifespan (F	RUL) of other	building systems in the	e facility, thereby	extending the R	UL of the facility.				
9. ENROLLMENT PROJECTIONS			Year→	2022	2023	2024	2025	2026	2027	2028	2029	Difference		
(Requested)			SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE		
Requested School:			839	534	522	544	539	541	540	541	544	295		
IO. EMERGENCY ELECTRICAL POWER:														
Entering an X in the Electrical Upgrade/Replacement field on page 1 indicates that this project involves replacement electrical system or upgrade to the electrical capacity. Provide the Status of the Shelter Compliance Process:							attached letter from the W cates this facility is not sui							
11. BUDGET:				Total		Estimate				ated Net State Funding				
20202			Estir	nated Project Budget		Fund	<u>ds</u>							
Design		7%	\$	88,000	\$		88,000		\$0					
Construction			\$	1,250,000	\$		262,000		\$					
Site Development		19%	\$	-	\$		<u> </u>		\$	0				
Other (Furniture an	Other (Furniture and Fixtures, etc.) 2% \$ 25,000						25,000		\$0					
Construction Cost \$ 1,363,000					\$		375,000		\$	988,000				
Contingency 5% \$ 63,000 High Performance Costs					\$		63,000		\$					
(Administrative only)					\$		<u>-</u>		\$	-				
Total \$							\$438,000		\$	988,000				
12 SCHEDULE:	EDULE: Date A/E Hired: 7/26/2023 Ed. Specs: N/A						Estimated Bid:	1/8/2024	Actual Bid Date:					
	Schematic Design: N/A Design Development: N/A						Estimated Construction:	6/10/2024	Actual Construction:					
	Construction Document: 10/30/2023						Estimated Project Completion: 8/16/2024 Project Completion:							

Rounding

NET FINAL BUDGET

THSBURG MIDDLE- SYSTEMIC RENOVATION - ELECTRICAL DISTRIBUTION REPLACEMENT	T	LEA: WASH	IINGTON COUN
	Total		
Construction Cost College in	Construction Cost	79% State Share	1 - 101
e Construction Cost Calculation	Cost	79% State Share	Local Shar
//Addition Cost/sf	4 4 6 5 6 6 6 6		
Estimate of Work See attached Scope of Work	\$ 1,250,000	\$ 987,500	\$ 262,5
New sf 0 x \$ 385	\$ -	\$ -	\$
Cooperative Arrangement 0 x \$ 385	\$ -	\$ -	\$
Site Development 19%	\$ -	\$ -	\$
	\$ 1,250,000	\$ 987,500	\$ 262,
ovation			
Age of Structure Construction Year sf to be renovated Cost/sf % Covered Cost			
40 & Over 0 x \$ 385 100% \$ -			
31-39 0 x \$ 385 85% \$ -			
26-30 0 x \$ 385 75% \$ -			
21-25 0 x \$ 385 65% \$ -			
16-20			
0-15 0 x \$ 385 0% \$ -			
0 \$ -	\$ -	\$ -	\$
Cooperative Arrangement 0 x \$ 385	\$ -	\$ -	\$
Site Development 5%	\$ -	\$ -	\$
Cite Development	\$ -	\$ -	\$
tingency 0.0%	\$ -	\$ -	\$
rimum State Construction Cost	\$ 1,250,000	\$ 987,500	\$ 262,
Less Prior State Funding	\$ 1,250,000	\$ 987,500	Φ 202,
Less Prior State Funding		\$ -	
State Construction Cost	\$ 1,250,000	\$ 987,500	\$ 262.5
State Construction Cost	\$ 1,230,000	\$ 907,500	Φ 202,
and a set O sets			
er Local Costs Construction Costs			
Construction Costs			•
Additional sf 0 x \$ 385 /sf n/a	\$ -		\$
Site Development 12%	\$ -		\$
Contingency 5.0% No longer supported through State funding	\$ 62,500		\$ 62,
Utilities 1.5%			\$
Water/Sewer Connection Fees n/a	\$ -		\$
Inspection & Testing 2.0%	\$ 25,000		\$ 25,
moposition a resulting 2.670			\$
inoposition a rooting 2.0%			\$
· · · · · · · · · · · · · · · · · · ·	\$ -		
· · · · · · · · · · · · · · · · · · ·	\$ -		\$
Furniture & Equipment 0% n/a	\$ -		
Furniture & Equipment 0% n/a Professional Service			\$
Furniture & Equipment 0% n/a	\$ - \$ 87,500		\$
Furniture & Equipment 0% n/a Professional Service			\$ 87
Funiture & Equipment 0% n/a Professional Service 7%			\$ \$ 87
Furniture & Equipment 0% n/a Professional Service 7% Other Project Specific Costs	\$ 87,500		\$ \$ \$ \$
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7%	\$ 87,500		\$ 87; \$ \$ \$ \$
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs	\$ 87,500 \$ - \$ -		\$ \$ 87, \$ \$ \$ \$ \$
Furniture & Equipment 0% n/a Professional Service 7% Other Project Specific Costs none	\$ 87,500 \$ - \$ - \$ -		\$ 87, \$ \$ \$ \$ \$ \$
Furniture & Equipment 0% n/a Professional Service Architect/Engineer 7% Other Project Specific Costs	\$ 87,500 \$ - \$ -		\$ \$ 87, \$ \$ \$ \$ \$

\$

\$

1,426,000

500

988,000

\$

\$

500

438,000

SCOPE OF WORK - SMITHSBURG MIDDLE - SYSTEMIC RENOVATION - ELECTRICAL DISTRIBUTION REPLACEMENT

General conditions	\$ 40,000
Replacing switchgears, main distribution panels, low voltage distribution	
panels, transformers, and branch distribution panels	\$ 700,000
Emergency Generator	\$ 410,000
Miscellaneous (ceiling repairs/access/etc.)	\$ 65,000
Location of work	\$ 35,000
	\$ 1,250,000

This Page Intentionally Blank

PSC NO. 21.024 ROOF REPLACEMENT

PSC No: 12.024 FUNDING PROGRAM: PSCP CIP X BUILT TO LEARN LEA: Washington County REUUSET 177FE; Facility Renewal LEA: Washington County REUUSET 177FE; Facility Renewal LEA: Washington County REUUSET 177FE; Facility Renewal LEA: 2024 Date Submitted: 9/20/22 LEA: 2024 Date Submitted: 9/20/22 LEA: 2024 Date Submitted: 9/20/22 LEA: 2025 Revised Date: 2/21/23 LEA: 2026 Revised Date: 2/21/23
Mashington County SCHOOL NAME North Hagerstown High SCHOOL NAME North Hagerstown High SCHOOL NAME North Hagerstown High SCHOOL NAME North Hagerstown MD 21740 PRIORITY #: 8 Revised Date: 22/12/3
SCHOOL NAME: North Hagerstown High
ADDRESS: 1200 Pennsylvania Avenue, Hagerstown, MD 21740 PROJECT TYPE (Primary System/PS): Roof: X HVAC: Structural: COST SHARE %: STATE 79% LOCAL 21% COOPERATIVE USE HIGH PERFORMANCE SCHOOL NUMBER ASSET Tag Number of PS (if applicable) CURRENT FUNDING REDUCEST: TOTAL PRIOR STATE FUNDS: \$9.00 Privace 1992 CURRENT FUNDING REDUCEST: TOTAL PRIOR STATE FUNDS: \$9.00 Privace 1992 L. SITE: Acreage 68.760 Approved NA Category # 2 Date of Mirt Review NA in PFA X Water X Sever X 2. EXISTING FACILITY: ORIGINAL 60.2806 1956 62.806 1992 Date of Mirt Review NA in PFA X Water X Sever X ADDITION ADDITION 10.5,944 1992 Date of Mirt Review 19.5,944 1992 Part No. ADDITION NO. ADDITION 10.5,944 1992 Part No. ADDITION NO. ADDITION 10.5,944 1992 Part No. ADDITION NO. ADDITION NO. ADDITION 10.5,944 1992 Part No. ADDITION NO. ADDITION 10.5,944 1992 Part No. ADDITION N
PROJECT TYPE (Primary System/PS): Roof: X HVAC: Structural: Other Facility Renewal: Mindows/Doors: Electrical Upgrade COST SHARE %: STATE 79% LOCAL 21% COOPERATIVE USE HIGH PERFORMANCE SCHOOL NUMBER SCHOOL NUMBE
Electrical Upgrade COOPERATIVE USE HIGH PERFORMANCE SCHOOL NUMBER ASSET Tag Mumber of PS (If applicable) CURRENT FUNDING REQUEST: TOTAL PRIOR STATE FUNDS: SO FY2028 SO
COPERATIVE USE HIGH PERFORMANCE SCHOOL NUMBER Asset Tag Number of PS (if applicable) CURRENT FUNDING REQUEST: TOTAL PRIOR STATE FUNDS: SO Date IAC Approved NIA Category 2 Date of MHT Approved NIA NIA Category 2 Date of MHT Review NIA In PFA Water X Water X Sewer X Se
CURRENT FUNDING REQUEST: TOTAL PRIOR STATE FUNDS: S0 FY2025 S0 FY2026 S0 FY2027 S0 FY2027 S0 FY2028 S0
TOTAL PRIOR STATE FUNDS: SQ
1. SITE: Acreage 68.760 Date IAC Approved N/A Category # Z Date of MHT Review N/A In PFA X Water X Sewer X 2. EXISTING FACILITY: RENOVATED DEMOLISHED TOTAL ORIGINAL 62.806 1956 62.806 1992 Gross SF Date Gross Date Gross SF Date Gross Date Gross Date Gross Date Gross Date Gross D
1. SITE: Acresge 68.760 Approved N/A Category # 2 Date of MHT Review N/A In PFA X Water X Sewer X 2. EXISTING FACILITY: RENOVATED DEMOLISHED TOTAL ORIGINAL 62.806 1956 62.806 1959 62.806 1992 62.806 1992 62.806 ADDITION ADDIT
RENOVATED DEMOLISHED TOTAL Gross SF Date Gr
ORIGINAL ADDITION ADD
ORIGINAL ADDITION ADD
ADDITION ADD
ADDITION ADDITION ADDITION ADDITION ADDITION ADDITION TOTAL 168,750 62,806 - 168,750 4. Describe all preventive maintenance activities that have occurred to keep the system operational? (i.e., work orders, etc.) The WCPS preventive maintenance of a roof includes performing an annual roof inspection on every facility roof, and updating facility assessment conditions in the annual Educational Facilities Master Plan. This project will replace a roof that will be 32 years old a the time of replacement and well beyond its expected and remainin useful life cycles. As part of its reactive maintenance program, WCPS has responded to 25 work orders on this particular roof in the last 3 years. 5. Detailed Scope: (What do you wish to accomplish with this project; Describe, with measurements) This project will replace the existing roofing system at North Hagerstown High School. The 168,750 sf school was originally built in 1956, renovated and received an addition in 1992. The current 128,750 sf multi-ply roof system was installed in 1992, and has reached the end of its service life. The current roof assembly is low slope and prone to ponding issues. A review of the current conditions of the roof indicate that the 1/4" per foot slope requirement should be able to be met on the low slope areas, but may require additional roof drains, possible envelope modifications, and roof ladder/OSHA updates. The estimated cost per square foot of demolition and replacement with single ply (TPO) roof systems is \$35/sf based on the complexity of the flashing system, recent roofing replacement costs, discussions with industry roofing experts, and required tapered insulation to meet slope requirements. As a Category II facility, this project meets the criteria listed in Stipulation VI.A of the Programmatic Agreement between the Maryland Historic Trust Act of 1985. ***This project will not remove or modify any state-funded work that occurred during the last 15 years [Bleacher Replacement (QZAB 2014), HVAC - Chillers (2021)]****
A. Describe all preventive maintenance activities that have occurred to keep the system operational? (i.e., work orders, etc.) The WCPS preventive maintenance for a roof includes performing an annual roof inspection on every facility roof, and updating facility assessment conditions in the annual Educational Facilities Master Plan. This project will replace a roof that will be 32 years old a the time of replacement and well beyond its expected and remaining useful life cycles. As part of its reactive maintenance program, WCPS has responded to 25 work orders on this particular roof in the last 3 years. 5. Detailed Scope: (What do you wish to accomplish with this project; Describe, with measurements) This project will replace the existing roofing system at North Hagerstown High School. The 168,750 sf school was originally built in 1956, renovated and received an addition in 1992. The current 128,750 sf multi-ply roof system was installed in 1992, and has reached the end of its service life. The current roof assembly is low slope and prone to ponding issues. A review of the current conditions of the roof indicate that the 1/4" per foot slope requirement should be able to be met on the low slope areas, but may require additional roof drains, possible envelope modifications, and roof ladder/OSHA updates. The estimated cost per square foot of demolition and replacement with single ply (TPO) roof systems is \$35/sf based on the complexity of the flashing system, recent roofing replacement costs, discussions with industry roofing experts, and required tapered insulation to meet slope requirements. As a Category II facility, this project meets the criteria listed in Stipulation VI.A of the Programmatic Agreement between the Maryland Historic Trust and the Maryland Public School Construction Program for Compliance with the Maryland Historical Trust Act of 1985. ****This project will not remove or modify any state-funded work that occurred during the last 15 years [Bleacher Replacement (QZAB 2014), HVAC - Chillers (2021
4. Describe all preventive maintenance activities that have occurred to keep the system operational? (i.e., work orders, etc.) The WCPS preventive maintenance for a roof includes performing an annual roof inspection on every facility roof, and updating facility assessment conditions in the annual Educational Facilities Master Plan. This project will replace a roof that will be 32 years old a the time of replacement and well beyond its expected and remaining work orders, etc.) 5. Detailed Scope: (What do you wish to accomplish with this project; Describe, with measurements) This project will replace the existing roofing system at North Hagerstown High School. The 168,750 sf school was originally built in 1956, renovated and received an addition in 1992. The current 128,750 sf multi-ply roof system was installed in 1992, and has reached the end of its service life. The current roof assembly is low slope and prone to ponding issues. A review of the current conditions of the roof indicate that the 1/4" per foot slope requirement should be able to be met on the low slope areas, but may require additional roof drains, possible envelope modifications, and roof ladder/OSHA updates. The estimated cost per square foot of demolition and replacement with single ply (TPO) roof systems is \$35/sf based on the complexity of the flashing system, recent roofing replacement costs, discussions with industry roofing experts, and required tapered insulation to meet slope requirements. As a Category II facility, this project meets the criteria listed in Stipulation VI.A of the Programmatic Agreement between the Maryland Historic Trust and the Maryland Public School Construction Program for Compliance with the Maryland Historical Trust Act of 1985. ****This project will not remove or modify any state-funded work that occurred during the last 15 years [Bleacher Replacement (QZAB 2014), HVAC - Chillers (2021)]****
4. Describe all preventive maintenance activities that have occurred to keep the system operational? (i.e., work orders, etc.) The WCPS preventive maintenance for a roof includes performing an annual roof inspection on every facility roof, and updating facility assessment conditions in the annual Educational Facilities Master Plan. This project will replace a roof that will be 32 years old a the time of replacement and well beyond its expected and remaining useful life cycles. As part of its reactive maintenance program, WCPS has responded to 25 work orders on this particular roof in the last 3 years. 5. Detailed Scope: (What do you wish to accomplish with this project; Describe, with measurements) This project will replace the existing roofing system at North Hagerstown High School. The 168,750 sf school was originally built in 1956, renovated and received an addition in 1992. The current 128,750 sf multi-ply roof system was installed in 1992, and has reached the end of its service life. The current roof assembly is low slope and prone to ponding issues. A review of the current conditions of the roof indicate that the 1/4" per foot slope requirement should be able to be met on the low slope areas, but may require additional roof drains, possible envelope modifications, and roof ladder/OSHA updates. The estimated cost per square foot of demolition and replacement with single ply (TPO) roof systems is \$35/sf based on the complexity of the flashing system, recent roofing replacement costs, discussions with industry roofing experts, and required tapered insulation to meet slope requirements. As a Category II facility, this project meets the criteria listed in Stipulation VI.A of the Programmatic Agreement between the Maryland Historical Trust Act of 1985. ****This project will not remove or modify any state-funded work that occurred during the last 15 years [Bleacher Replacement (QZAB 2014), HVAC - Chillers (2021)]*****
annual Educational Facilities Master Plan. This project will replace a roof that will be 32 years old a the time of replacement and well beyond its expected and remaining work orders, etc.) 5. Detailed Scope: (What do you wish to accomplish with this project; Describe, with measurements) This project will replace the existing roofing system at North Hagerstown High School. The 168,750 sf school was originally built in 1956, renovated and received an addition in 1992. The current 128,750 sf multi-ply roof system was installed in 1992, and has reached the end of its service life. The current roof assembly is low slope and prone to ponding issues. A review of the current conditions of the roof indicate that the 1/4" per foot slope requirement should be able to be met on the low slope areas, but may require additional roof drains, possible envelope modifications, and roof ladder/OSHA updates. The estimated cost per square foot of demolition and replacement with single ply (TPO) roof systems is \$35/sf based on the complexity of the flashing system, recent roofing replacement costs, discussions with industry roofing experts, and required tapered insulation to meet slope requirements. As a Category II facility, this project meets the criteria listed in Stipulation VI.A of the Programmatic Agreement between the Maryland Historic Trust and the Maryland Public School Construction Program for Compliance with the Maryland Historical Trust Act of 1985. ****This project will not remove or modify any state-funded work that occurred during the last 15 years [Bleacher Replacement (QZAB 2014), HVAC - Chillers (2021)]*****
This project will replace the existing roofing system at North Hagerstown High School. The 168,750 sf school was originally built in 1956, renovated and received an addition in 1992. The current 128,750 sf multi-ply roof system was installed in 1992, and has reached the end of its service life. The current roof assembly is low slope and prone to ponding issues. A review of the current conditions of the roof indicate that the 1/4" per foot slope requirement should be able to be met on the low slope areas, but may require additional roof drains, possible envelope modifications, and roof ladder/OSHA updates. The estimated cost per square foot of demolition and replacement with single ply (TPO) roof systems is \$35/sf based on the complexity of the flashing system, recent roofing replacement costs, discussions with industry roofing experts ,and required tapered insulation to meet slope requirements. As a Category II facility, this project meets the criteria listed in Stipulation VI.A of the Programmatic Agreement between the Maryland Historical Trust Act of 1985. ****This project will not remove or modify any state-funded work that occurred during the last 15 years [Bleacher Replacement (QZAB 2014), HVAC - Chillers (2021)]****
multi-ply roof system was installed in 1992, and has reached the end of its service life. The current roof assembly is low slope and prone to ponding issues. A review of the current conditions of the roof indicate that the 1/4" per foot slope requirement should be able to be met on the low slope areas, but may require additional roof drains, possible envelope modifications, and roof ladder/OSHA updates. The estimated cost per square foot of demolition and replacement with single ply (TPO) roof systems is \$35/sf based on the complexity of the flashing system, recent roofing replacement costs, discussions with industry roofing experts ,and required tapered insulation to meet slope requirements. As a Category II facility, this project meets the criteria listed in Stipulation VI.A of the Programmatic Agreement between the Maryland Historic Trust and the Maryland Public School Construction Program for Compliance with the Maryland Historical Trust Act of 1985. ****This project will not remove or modify any state-funded work that occurred during the last 15 years [Bleacher Replacement (QZAB 2014), HVAC - Chillers (2021)]****
6. Alternative Solution: What else can be done to correct the problem:
There are no alternative solutions for this building component as it has surpassed its expected and remaining useful service life. As part of the building envelope, its function is critical to WCPS's educational delivery.
7. What Council this Duchland? (normal uses and ton, non-contractor norfamones, non-materials, impressed maintenance)?
7. What Caused this Problem? (normal wear and tear, poor contractor performance, poor materials, improper maintenance)?

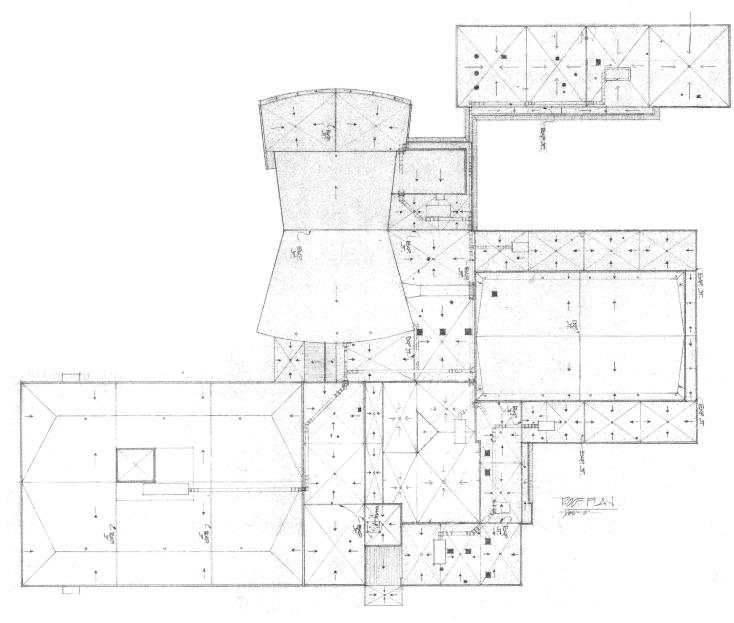
					Request	for Capital N	laintenance Funding					
8. What are the cons Check all that app		this project is not appro	oved:									
	Х	1. Failure of system i	is likely to ca	ause shutdown of facili	ty for purposes o	of delivering	educational programs	and services.				
		2. System is currentl	y adversely	affecting the delivery o	f educational pro	ograms & se	rvices.					
		3. System is currentl	y causing se	erious threats to life, sa	fety, or health of	facility occ	ıpants.					
		4. System is currentl	y causing vi	olations of building or	other official cod	les.						
	Х	5. System is currentl	y causing or	will imminently cause	damage to other	building sy	stems.					
	X	6. Replacement/insta	allation will in	ncrease the remaining	useful lifespan (F	RUL) of othe	r building systems in th	he facility, thereby	extending the RU	IL of the facility.		
9. ENROLLMENT PROJECTIONS			Year→	2022	2023	2024	2025	2026	2027	2028	2029	Difference
(Requested)			SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	quested School: 1,423 1,438 1,436 1,448 1,425 1,436 1,452 1,473 1,489 -66 EMERGENCY ELECTRICAL POWER:											
Entering an X in the Electrical Upgrade/Replacement field on page 1 indicates that this project involves replacement of the electrical system or upgrade to the electrical capacity. Provide the Status of the Shelter Compliance Process:												
				Total		Estimate	d Local		Fetima	ated Net State		
11. BUDGET:			Estir	mated Project Budget		Fun				unding		
Docian		7%	•		a				Φ.	0		
Design Construction		7 70	\$ \$	235,000 4,697,000	9		235,000 986,000		Φ	3,711,000		
Site Development		19%	\$	-	9		-		φ \$	0,711,000		
,	l Fistures, et		Ψ	04.000	•		04.000		Ψ			
Other (Furniture and Fixtures, etc.) 2% \$ 94,000 \$ 94,000 \$ 0												
Construction Cost \$ 5,026,000							,315,000		\$	3,711,000		
Contingency	Contingency 5% \$ 235,000 High Performance Costs						235,000		\$			
•	(Administrative only)						-		\$	-		
	Total		\$	5,261,000	\$	\$	1,550,000		\$	3,711,000		
12 SCHEDULE: Date A/E Hired: 7/26/2023 Ed. Specs: N/A						Estimated Bid: 1/8/2024 Actual Bid Date:						
	Schematic Design: N/A Design Development: N/A						Estimated Construction	Actual Construction:				
	Construction Document: 10/30/2023 Estimated Project Completion: 8/16/2024 Project Completion:											
Revised 7/2021												

Act Construction	NORTH HAGERSTOWN HIGH - SYSTEMIC RENOVATION - ROOF REPLACEMENT		Total	 LEA: WA	SHING	TON COUNT
Age of State Construction Cost Calculation				79% State		
Estimate of Work See attaiched Scope of Work \$ 4,997,000 \$ 3,710,530 \$ 986. New sf 0 x \$ 385 \$ 0 x \$ 3 x \$ 3 x \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	State Construction Cost Calculation					Local Share
Novs of Cooperative Arrangement						
Cooperative Arrangement 0 x 5 355 5 5 5 5 5 5 5	· ·		4,697,000			986,37
Sile Development	·		-			
Record R			-			
Age of Systeture Construction Year If to be renovated	Site Development		4 607 000	•		006.2
Age of Shucture Construction Vear of to be renovated Coeff % Coverag Coeff % Coeff % Coverag Coeff % Coeff % Coverag Coeff % Coeff	Renovation	Φ	4,097,000	\$ 3,710,030	Φ	900,3
31-39						
28-30						
21-25						
16-20						
O-15						
Cooperative Arrangement						
Cooperative Arrangement 0 x \$ 3885 5 5 5 5 5 5 5 5 5						
Sile Development	·		-	·		
S S S S S S S S S S			-	*		
Saximum Budget 0.0% \$ -	Site Development 5%		-	Ť		
State Construction Cost State Funding State Construction Cost State Cost	0.00/		-			
Less Prior State Funding		_	4 607 000			
et State Construction Costs Sample		Ф	4,097,000		Ф	900,3
The Function Costs Construction Costs Site Development	2005 Filor Otato Funding					
Construction Costs	et State Construction Cost	\$	4,697,000	\$ 3,710,630	\$	986,37
Construction Costs	ther Local Costs					
Site Development						
Contingency 5.0% No longer supported through State funding \$ 234,850 \$ 234,850 \$ \$ 234,850 \$ \$ 234,850 \$ \$ 234,850 \$ \$ 234,850 \$ \$ 234,850 \$ \$ 234,850 \$ \$ 234,850 \$ \$ \$ 8	Additional sf 0 x \$ 358 /sf n/a	\$	-		\$	
Utilities	Site Development 12%	\$	-		\$	
Water/Sewer Connection Fees n/a	Contingency 5.0% No longer supported through State funding	\$	234,850		\$	234,8
Inspection & Testing 2.0% \$ 93,940 \$	Utilities 1.5%				\$	
Furniture & Equipment	Water/Sewer Connection Fees n/a	\$	-			
Furniture & Equipment	Inspection & Testing 2.0%	\$	93,940		\$	93,9
Professional Service						
Professional Service	Furniture & Equipment 0% n/a	\$	-			
Architect/Engineer						
Other Project Specific Costs \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$						
Other Project Specific Costs \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Architect/Engineer 5% for Complete Roof Replacement Design	\$	234,850		\$	234,8
Other Project Specific Costs \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$					•	
None	Other Project Specific Costs					
Local Cost Sub-total \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		•				
Local Cost Sub-total \$ -	noile	·	-			
Local Cost Sub-total \$ 563,640 \$ 563, aximum Budget \$ 5,260,640 \$ 3,710,630 \$ 1,550, Rounding \$ 370 \$ 370 \$ 370			-			
aximum Budget \$ 5,260,640 \$ 3,710,630 \$ 1,550, Rounding \$ 370 \$	Local Cost Sub-total		563,640			563,6
Rounding \$ 370 \$	Loodi Cost Cub total	,	,			
	aximum Budget	\$	5,260,640			

SCOPE OF WORK - NORTH HAGERSTOWN HIGH - SYSTEMIC RENOVATION - ROOF REPLACEMENT

Approximate area of BUR roof = 128,750 sf

General conditions	\$ 60,000
Remove/Demo existing roof @ approx. \$ 5.00 per sf	\$ 644,000
Replace with new single ply TPO roof @ approx. \$ 30.00 per sf	\$ 3,863,000
New roof drains / roof ladders/OSHA railings	\$ 60,000
Envelope modifications for new roof pitch	\$ 70,000
-	\$ 4,697,000



North Hagerstown High School Roof Plan

Roof Inspection - Fall 2020

School: North Hagerstown High	Date: 12/2/20	Sheet: 1 of 2
Area: Main Roof	Installed: <u>1992</u>	
Type of Deck: Metal / Gypsum of Insul: Fiberglass/ ISO of Roof: BUR of Flash: Dynaflex of Edge: Coping / Waterdam	Condition: Not Adequate (Overall Roof Condition) 65 (Last Year) 68	
[<64=Poor 65-74=Not Adequate	75-84=Adequate 85-94=Good	95-100=Superior]
Detailed Cond	<u>ditions</u>	
Detailed Condition of Watertigle (1-Numerous 2-Mare Leaks Occasionally Leaks Every Rain Leaks in High Wind Reported Work Orders	ny 3-Few 4-None Apparent) : 3 : 4 : 4	
Detailed Condition of Roof Mer (1-Numerous 2-Mar Blisters Splits Exposed Alligatored Ponding Vegetation	3-Few 4-None Apparent Ridges: 4	
Detailed Condition of Flashing (1-Numerous 2-Mar Splits Migration	ny 3-Few 4-None Apparent) : 2 Exposed: 3	
Detailed Condition of Metal/Pe (1-Poor 2-Fair 3-0 Counter Flashing Pitch Pans Drains/D.S.	Good 4-Excellent) : 3 Fascia/Coping: 3 : 3 Metal Seams: 3	
(<u>Note</u> : Subtract 1 po	Subtract oint for every 2 years of age) 14	
Commenter Expansion joints and averall roof in had cons	dition	

Comments: Expansion joints and overall roof in bad condition.

Roof Inspection - Fall 2020

School:	North Hagerstown High	Date: <u>12</u>	2/2/20	Sheet: 2 of 2
	Area: Metal Sections	Installed: 19	<u>992</u>	
	Type of Deck: Metal / Gypsum of Insul: ISO of Roof: Metal of Flash: Dynaflex of Edge: Edging	Condition: <u>A</u> Overall Roof Condi (La		
	[<64=Poor 65-74=Not Adequate	75-84=Adequate	85-94=Good	95-100=Superior]
	Detailed Cond	<u>litions</u>		
	Detailed Condition of Watertigh (1-Numerous 2-Man Leaks Occasionally: Leaks Every Rain: Leaks in High Wind: Reported Work Orders:	y 3-Few 4-Non-	e Apparent)	
	Detailed Condition of Roof Men (1-Numerous 2-Man Blisters: Splits: Exposed: Rust: Ponding: Vegetation:	y 3-Few 4-None 4 4 Fish N Pu	e Apparent) Ridges: 4 Mouths: 4 Migration: 4 unctures: 4 Debris: 4	
	Detailed Condition of Flashing (1-Numerous 2-Man Splits: Migration:	y 3-Few 4-None	e Apparent) Exposed: 4 unctures: 4	
	Detailed Condition of Metal/Per (1-Poor 2-Fair 3-G Counter Flashing: Pitch Pans: Drains/D.S.:	4-Excellent) Fascia Meta	n/Coping: 3 I Seams: 3 xp.Joints: 4	
	(Note : Subtract 1 po	oint for every 2 year	Subtract s of age) 14	

Comments: "Roof is same, but continually has damage to the dock area due to trucks making deliveries and the emptying the dumpsters."

School: North Hagerstown High	Date: 4/15/21	Sheet: 1 of 2
Area: Main Roof	Installed: <u>1992</u>	
Type of Deck: Metal / Gypsum of Insul: Fiberglass/ ISO of Roof: BUR of Flash: Dynaflex of Edge: Coping / Waterdam	Condition: Poor Overall Roof Condition) 64 (Last Year) 68	
[<64=Poor 65-74=Not Adequate	75-84=Adequate 85-94=Good	95-100=Superior]
Detailed Cond	<u>litions</u>	
Detailed Condition of Watertigh (1-Numerous 2-Mar Leaks Occasionally Leaks Every Rain Leaks in High Wind Reported Work Orders	ny 3-Few 4-None Apparent) 3 4 4	
Detailed Condition of Roof Mer (1-Numerous 2-Mar Blisters Splits Exposed Alligatored Ponding Vegetation	3-Few 4-None Apparent	
Detailed Condition of Flashing (1-Numerous 2-Mar Splits Migration	ny 3-Few 4-None Apparent) : 2 Exposed: 3	
Detailed Condition of Metal/Per (1-Poor 2-Fair 3-G Counter Flashing Pitch Pans Drains/D.S.	Good 4-Excellent) Fascia/Coping: 3 Metal Seams: 3	
(Note: Subtract 1 po	Subtract pint for every 2 years of age) 14	

School: North Hagerstown High	Date: 4/15/21	Sheet: 2 of 2
Area: Metal Sections	Installed: <u>1992</u>	
Type of Deck: Metal / Gypsum of Insul: ISO of Roof: Metal of Flash: Dynaflex of Edge: Edging	Condition: Adequate Overall Roof Condition) 82 (Last Year) 82	
[<64=Poor 65-74=Not Adequate	75-84=Adequate 85-94=Good	95-100=Superior]
Detailed Cond	<u>litions</u>	
Detailed Condition of Watertight (1-Numerous 2-Man Leaks Occasionally: Leaks Every Rain: Leaks in High Wind: Reported Work Orders:	y 3-Few 4-None Apparent) 4 4	
Detailed Condition of Roof Men (1-Numerous 2-Man Blisters: Splits: Exposed: Rust: Ponding: Vegetation:	Ridges: 4 Ridges: 4 Fish Mouths: 4 Migration: 4 Punctures: 4 Debris: 4	
Detailed Condition of Flashing (1-Numerous 2-Man Splits: Migration:	ny 3-Few 4-None Apparent) Exposed: 4	
Detailed Condition of Metal/Per (1-Poor 2-Fair 3-G Counter Flashing: Pitch Pans: Drains/D.S.:	Good 4-Excellent) Fascia/Coping: 3 Metal Seams: 3	
(<u>Note</u> : Subtract 1 pc	Subtract pint for every 2 years of age) 14	

NHH (Metal)

School: North Hagerstown High	Date: <u>5/17/22</u>	Sheet: 1 of 2
Area: Main Roof	Installed: <u>1992</u>	
Type of Deck: Metal / Gypsum of Insul: Fiberglass/ ISO of Roof: BUR of Flash: Dynaflex of Edge: Coping / Waterdam	Condition: Poor Overall Roof Condition) 62 (Last Year) 64	
[<64=Poor 65-74=Not Adequate	75-84=Adequate 85-94=Good	95-100=Superior]
Detailed Conc	<u>litions</u>	
Detailed Condition of Watertigh (1-Numerous 2-Man Leaks Occasionally: Leaks Every Rain: Leaks in High Wind: Reported Work Orders:	y 3-Few 4-None Apparent)	
Detailed Condition of Roof Mer (1-Numerous 2-Mar Blisters: Splits: Exposed: Alligatored: Ponding: Vegetation:	3-Few 4-None Apparent Ridges: 4 Fish Mouths: 4	
Detailed Condition of Flashing (1-Numerous 2-Mar Splits: Migration:	y 3-Few 4-None Apparent) Exposed: 3	
Detailed Condition of Metal/Per (1-Poor 2-Fair 3-G Counter Flashing: Pitch Pans: Drains/D.S.:	Fascia/Coping: 3 Metal Seams: 2 Exp.Joints: 2	
(<u>Note</u> : Subtract 1 po	Subtract pint for every 2 years of age) 15	
Comments: Drain migration and splitting Repaired 2 drains and expansion joints		

School:	North Hagerstown High	Date: <u>5/17/22</u>	Sheet: 2 of 2
	Area: Metal Sections	Installed: <u>1992</u>	
	Type of Deck: Metal / Gypsum of Insul: ISO of Roof: Metal of Flash: Dynaflex of Edge: Edging	Condition: Adequate (Overall Roof Condition) (Last Year)	80 82
	[<64=Poor 65-74=Not Adequate	75-84=Adequate 85-94=Go	ood 95-100=Superior]
	Detailed Cond	<u>ditions</u>	
	Detailed Condition of Watertig (1-Numerous 2-Mar Leaks Occasionally Leaks Every Rain Leaks in High Wind Reported Work Orders	ny 3-Few 4-None Apparent	t)
	Detailed Condition of Roof Me (1-Numerous 2-Mar Blisters Splits Exposed Rust Ponding Vegetation	ny 3-Few 4-None Apparent Ridges: History Histo	t) 4 4 4 4 4 4
	Detailed Condition of Flashing (1-Numerous 2-Man Splits Migration	ny 3-Few 4-None Apparent Exposed:	
	Detailed Condition of Metal/Pe (1-Poor 2-Fair 3-0 Counter Flashing Pitch Pans Drains/D.S.	Good 4-Excellent) : 3 Fascia/Coping: : 4 Metal Seams:	3 3 4
Comments:	(<u>Note</u> : Subtract 1 p	Subtr oint for every 2 years of age)	

NHH (Metal)

PSC NO. 21.037 CHILLER REPLACEMENT

						equest for Capital	wamtonan	oo : aag							
Interegency Comm	nissien en School Cent	C struction													
PSC No.:	21.037					FUNDING P		_			BUILT TO	LEARN			
LEA:	Washington Co						REC		Facility Renev	/al	5 / 5		2/22/22		_
	Lincolnshire El		MD	04740			_	FY:					9/20/22		
ADDRESS:	1/545 Lincoins	hire Road, Hagers	stown, MD	21/40				PRIORITY #:	9		Revis	ed Date:	2/21/23		
PROJECT TYPE	(Primary System				: X	Structura	l:			acility Re		hiller		Vindows/D	
		Electric	al Upgrad	е				C	OST SHARE %	STA	ATE 79%	<u> </u>	CAL	21%	
	OOPERATIVE US	_													
	GH PERFORMAN	_			CDADE	0 BV 5		000	545						
_	SCHOOL NUMBE Number of PS (if	_			GRADE Year P	S PK-5 S Entered Service	e 1997	SRC	545		<u>-</u>				
	•	· · · · · · · ·	£427.0	00	Tearry			SEIVE VEAD	DOODAM FUL	IDING DI	OUESTS			1	TOTAL
	ENT FUNDING REC IL PRIOR STATE FL	-	\$437,0 \$0	00					PROGRAM FUN						TOTAL:
1017	LI MONOTALE C		Ψ		FY2025	\$0 FY2026	\$0	FY2027	\$0	FY2028	\$0	FY2029		\$0	\$437,000
		Aeroogo		Date IAC	-11	MHT									
1. SITE:		Acreage _	13.650	_ Approved	N/A	Category #_2	2 Date	of MHT Review	N/A		In PFA X	Water	X	Sewer	X
2. EXISTING FAC	CILITY:														
					NOVATED	DEMOLIS		TOTAL		II II	ate below the		e building	compone	nt was last
ORIGI	NAI	Gross SF 42,309	<u>Date</u> 1954	Gross SF 42.309	<u>Date</u> 1997	Gross SF	<u>Date</u>	Gross S	<u>F</u> 12,309	replace	d with State I	Funds:			
ADDIT		10,867	1964	10.867	1997				10,867		199	7			
ADDIT		11,615	1997	. 0,00					11,615						
ADDIT									-						
ADDIT		C4 704		F0 470					-						
ТОТ	AL	64,791		53,176		-			64,791						
	keep the systen	nance activities th n operational? (i.e	., updat updat remai	ing facility as ed with inspe ning useful li	tive maintenance for seessment condition ections occurring a fe cycle. As part of nents in the last 3 y	ons in the annual E annually. This pro its reactive maint	ducational ject will rep	Facilities Maste	er Plan. In addit hat will be 28 yea	ion, the co ars old at	ontrol systems the time of rep	for the cl	hillers are c	ontinuous eyond its e	sly monitored, expected and
		wish to accomplis													
the total number on This project will like on the available mall cases, new child VI.A of the Program	of maintenance calls kely replace the exi echanical space ar lled water pumps/p mmatic Agreement	r at Lincolnshire Eles and repairs being isting chiller with mind proposed design iping, automatic ten between the Marylaccurred during the la	needed ove ultiple smal solutions fr nperature co nd Historic	r the past few ler chillers wh om the engin ontrols (ATC), Trust and the	y years. Should thin thich can be staged eer. Regardless of electric and other and Public S	s chiller encounte to provide increas f the final configur appurtenances w School Construction	r a major fa sed system ation, the n ill be replac on Program	ilure, Washingt diversity. This ew chiller(s) wi ed as part of th	on County Publication of the diversification of the designed was project. As	c Schools could exte rith enoug a Categor	would not be nd the life of the h capacity to pry II facility, thi	able to co ne new ch provide ch s project	ool the entir nillers. This nilled water meets the c	re 65,791 s s option wi for the en criteria list	eq. ft. school. ill be dependent tire facility. In ed in Stipulation
6. Alternative So	lution: What else	can be done to c	orrect the	problem:											
		for this building			asaad ita aya	acted and remai	mina	ul nomina lifa	The chility to		aalina ta thi	. fo cility	during on	wing/fall s	mantha ia
	's educational de		componen	it as it nas s	urpassed its exp	ected and remai	ning useit	ii service iiie.	The ability to	provide (cooling to this	siacility	during sp	ring/iaii i	nonths is
7. What Caused	this Problem? (n	ormal wear and te	ar, poor co	ontractor pe	rformance, poor	materials, impro	per mainte	enance)?							
Age of the Chille	er, and normal we	ar/tear.													

Revised 7/2021

				Request f	or Capital N	laintenance Funding					
8. What are the consequence Check all that apply:	es if this project is not appr	oved:									
X	1. Failure of system	is likely to ca	use shutdown of facilit	y for purposes o	f delivering	educational programs a	ınd services.				
	2. System is current	ly adversely	affecting the delivery of	educational pro	grams & se	rvices.					
	3. System is current	ly causing se	rious threats to life, saf	fety, or health of	facility occ	upants.					
	4. System is current	ly causing vi	olations of building or o	other official code	es.						
X	5. System is current	ly causing or	will imminently cause	damage to other	building sy	stems.					
х	6. Replacement/insta	allation will ir	ncrease the remaining u	ıseful lifespan (R	UL) of othe	r building systems in the	e facility, thereby	extending the RU	IL of the facility.		
9. ENROLLMENT PROJECTIONS		Year→	2022	2023	2024	2025	2026	2027	2028	2029	Difference
(Requested)		SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:		545	496	463	448	441	446	457	464	457	88
10. EMERGENCY ELECTR	RICAL POWER:										
Entering an X in the Electrical U electrical system or upgrade to					the N/A						
11. BUDGET:		Estir	Total mated Project Budget		Estimate Fun				ated Net State Funding		
Design	7%	\$	39,000	\$		39,000		\$	0		
Construction		\$	553,000	\$		116,000		\$	437,000		
Site Development	19%	\$	<u>-</u>	\$		-		\$	0		
Other (Furniture and Fixtures	s, etc.) 2%	\$	11,000	\$		11,000		\$	0		
	Construction Cost	\$	603,000	\$		166,000		\$	437,000		
Contingency	5%	\$	28,000	\$		28,000		\$			
High Performance Costs (Administrative only)		\$	-	\$		-		\$	-		
Tot	al	\$	631,000	\$		\$194,000		\$	437,000		
12 SCHEDULE:	Date A/E Hired: 7/26/2023		Ed. Specs: N/A			Estimated Bid:	1/8/2024	Actual Bi	d Date:		
Sche	ematic Design: N/A	Design	Development: N/A			Estimated Construction:	6/10/2024	Actual Const	ruction:		
Construct	tion Document: 10/30/2023				Esti	mated Project Completion:	8/16/2024	Project Com	pletion:		

LINCOLNSHIRE ELEMENTARY - SYSTEMIC RENOVATION - CHILLER REPLACEMENT				LEA: WAS	HINGTO	ON COUNTY
		otal struction				
State Construction Cost Calculation		Cost	7	9% State Share	Lo	ocal Share
New/Addition Cost/sf						
Estimate of Work See attached Scope of Work	\$	553,000	\$		\$	116,130
New sf 0 x \$ 385	\$	-	\$		\$	-
Cooperative Arrangement 0 x \$ 385 Site Development 19%	\$ \$	-	9		\$ \$	-
Site Development	\$	553,000	9		\$	116,130
Renovation	Ψ	333,000	4	Ψ 430,070	Ψ	110,130
Age of Structure Construction Year sf to be renovated Cost/sf % Covered Cost						
40 & Over 0 x \$ 385 100% \$ -						
31-39 0 x \$ 385 85% \$ -						
26-30						
16-20 0 x \$ 365 65% \$ -						
0-15 0 x \$ 385 0% \$ -						
0	\$	-	\$	\$ -	\$	-
Cooperative Arrangement 0 x \$ 385	\$	-	\$		\$	-
Site Development 5%	\$	-	\$		\$	-
0.00	\$	-	9		\$	-
Contingency 0.0% Maximum State Construction Cost	\$	553,000	9		\$	116,130
Less Prior State Funding	\$	555,000	9		\$	110,130
2000 First Gato Fallang			\$			
Net State Construction Cost	\$	553,000	\$	\$ 436,870	\$	116,130
Other Local Costs Construction Costs						
Additional sf 0 x \$ 385 /sf n/a	\$	_			\$	_
Site Development 12%	\$	_			\$	_
Contingency 5.0% No longer supported through State funding	\$	27,650			\$	27,650
Utilities 1.5%					\$	-
Water/Sewer Connection Fees n/a	\$	-			\$	-
Inspection & Testing 2.0%	\$	11,060			\$	11,060
Furniture & Equipment 0% n/a	\$				\$ \$	-
Turniture & Equipment 07/0 11/4	Ψ	-			\$	-
Professional Service					\$	_
Architect/Engineer 7%	\$	38,710			\$	38,710
Office Project (1997)					\$	-
Other Project Specific Costs none	\$				\$ \$	-
none	\$				\$	-
	\$	-			\$	-
Local Cost Sub-total	\$	77,420			\$	77,420
Maximum Budget	\$	630,420	\$		\$	193,550
Rounding NET FINAL BUDGET	\$	631,000	9		\$	450 194,000
NET FINAL BODGET	Φ	031,000	1	φ 431,000	Φ	194,000

SCOPE OF WORK - LINCOLNSHIRE ELEMENTARY - SYSTEMIC RENOVATION - CHILLER REPLACEMENT

General conditions	\$ 38,000
Removal of old chiller	\$ 45,000
Chiller installation/Chiller cost	\$ 390,000
CW loop, welding, piping, etc.	\$ 50,000
Controls, electric	\$ 30,000
	\$ 553,000 Total Estimated Cost

This Page Intentionally Blank

SMITHSBURG ELEMENTARY PSC NO. 21.036 CHILLER REPLACEMENT

Request for Capital Maintenance Funding
Zetarogenroy Commission on dichool Construction
PSC No.: 21.036 FUNDING PROGRAM: PSCP CIP X BUILT TO LEARN LEA: Washington County REQUEST TYPE: Facility Renewal
SCHOOL NAME: Smithsburg Elementary FY: 2024 Date Submitted: 9/20/22
ADDRESS: 67 N. Main Street, Smithsburg, MD 21783 PRIORITY #: 10 Revised Date: 2/21/23
PROJECT TYPE (Primary System/PS): Roof: HVAC: X Structural: Other Facility Renewal: Chiller Windows/Doors:
Electrical Upgrade COST SHARE %: STATE 79% LOCAL 21%
COOPERATIVE USE HIGH PERFORMANCE SCHOOL NUMBER GRADES PK-5 SRC 431
Asset Tag Number of PS (if applicable) Year PS Entered Service 1997
CURRENT FUNDING REQUEST: \$387,000 EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS TOTAL: TOTAL PRIOR STATE FUNDS: \$0
FY2025 \$0 FY2027 \$0 FY2028 \$0 FY2029 \$0 \$387,000
1. SITE: Date IAC MHT Approved N/A Category # 2 Date of MHT Review N/A In PFA X Water X Sewer X
2. EXISTING FACILITY:
RENOVATED DEMOLISHED TOTAL Gross SF Date Gr
ORIGINAL 33,818 1953 33,818 1997 33,818
ADDITION 14,769 1997 14,769 1997
ADDITION ADDITION
ADDITION
TOTAL 48,587 33,818 - 48,587
4. Describe all preventive maintenance activities that have occurred to keep the system operational? (i.e., work orders, etc.) The WCPS preventive maintenance for chillers and their associated components includes performing annual inspections of the equipment at each school facility, and updating facility assessment conditions in the annual Educational Facilities Master Plan. In addition, the control systems for the chillers are continuously monitored, updated with inspections occurring annually. This project will replace a chiller that will be 28 years old at the time of replacement and well beyond its expected and remaining useful life cycle. As part of its reactive maintenance program, WCPS has responded to 49 work orders on this chiller at Smithsburg Elementary and its associated components in the last 3 years.
5. Detailed Scope: (What do you wish to accomplish with this project; Describe, with measurements) The existing 160 ton air cooled chiller at Smithsburg Elementary School was installed during the 1997 renovation/addition project. The 26 year old chiller has surpassed its expected life cycle, and has begun to fail as evidenced by
the total number of maintenance calls and repairs being needed over the past few years. Should this chiller encounter a major failure, Washington Country Public Schools would not be able to cool the 48,587 sq. ft. school. This project will likely replace the existing chiller with multiple smaller chillers which can be staged to provide increased system diversity. This diversification could extend the life of the new chillers. This option will be dependent on the available mechanical space and proposed design solutions from the engineer. Regardless of the final configuration, the new chiller(s) will be designed with enough capacity to provide chilled water for the entire facility. In all cases, new chilled water pumps/piping, automatic temperature controls (ATC), electric and other appurtenances will be replaced as part of this project. As a Category II facility, this project meets the criteria listed in Stipulation VI.A of the Programmatic Agreement between the Maryland Historic Trust and the Maryland Public School Construction Program for Compliance with the Maryland Historical Trust Act of 1985. ****This project will not remove or modify any state-funded work that occurred during the last 15 years [Boiler (ASP 2015), Security Initiative (2014)]****
6. Alternative Solution: What else can be done to correct the problem:
There are no alternative solutions for this building component as it has surpassed its expected and remaining useful service life. The ability to provide cooling to this facility during spring/fall months is critical to WCPS's educational delivery.
7. What Caused this Problem? (normal wear and tear, poor contractor performance, poor materials, improper maintenance)?
Age of the Chiller, and normal wear/tear.

Revised 7/2021

What are the consequences if t Check all that apply:	his project is not appr	oved:									
х	1. Failure of system	is likely to ca	use shutdown of facilit	y for purposes o	f delivering	educational programs a	and services.				
	2. System is currentl	ly adversely	affecting the delivery of	educational pro	grams & ser	vices.					
	3. System is currentl	ly causing se	erious threats to life, saf	ety, or health of	facility occu	pants.					
	4. System is currentl	ly causing vi	olations of building or o	ther official code	es.						
X	5. System is currentl	ly causing or	will imminently cause o	damage to other	building sys	stems.					
X	6. Replacement/insta	allation will ir	ncrease the remaining u	seful lifespan (R	UL) of other	building systems in the	e facility, thereby	extending the RU	IL of the facility.		
9. ENROLLMENT PROJECTIONS		Year→	2022	2023	2024	2025	2026	2027	2028	2029	Difference
(Requested)		SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:		431	369	367	364	364	363	363	361	362	69
					the N/A						
Entering an X in the Electrical Upgra electrical system or upgrade to the e	de/Replacement field on		of the Shelter Compliance			i Local		Estima	ated Net State		
electrical system or upgrade to the e	de/Replacement field on	de the Status o			Estimated Fund				ated Net State Funding		
	de/Replacement field on	de the Status o	of the Shelter Compliance Total		Estimated						
electrical system or upgrade to the e	de/Replacement field on lectrical capacity. Provid	e the Status o	Total mated Project Budget	Process:	Estimated Fund	ds		F	unding		
electrical system or upgrade to the e	de/Replacement field on lectrical capacity. Provid	e the Status o	Total mated Project Budget 34,000	Process:	Estimated Fund	34,000		F	Funding 0		
11. BUDGET: Design Construction	de/Replacement field on lectrical capacity. Provid 7%	e the Status o	Total mated Project Budget 34,000	Process:	Estimated Fund	34,000		\$F \$\$	0 387,000		
11. BUDGET: Design Construction Site Development Other (Furniture and Fixtures, etc.	de/Replacement field on lectrical capacity. Provid 7%	e the Status o	Total mated Project Budget 34,000 490,000	Process: \$ \$	Estimatec Func	34,000 103,000		\$F \$\$	0 387,000 0		
Design Construction Site Development Other (Furniture and Fixtures, etc. Con Contingency	de/Replacement field on lectrical capacity. Provident and the second sec	e the Status o	Total mated Project Budget 34,000 490,000 - 10,000	Process: \$ \$	Estimatec Func	34,000 103,000 - 10,000		\$F \$\$	0 387,000 0 0		
11. BUDGET: Design Construction Site Development Other (Furniture and Fixtures, etc. Con Contingency High Performance Costs	de/Replacement field on lectrical capacity. Provident field fie	e the Status o	Total mated Project Budget 34,000 490,000 - 10,000 534,000	Process: \$ \$	Estimatec Func	34,000 103,000 - 10,000 147,000		\$F \$\$	0 387,000 0 0		
Design Construction Site Development Other (Furniture and Fixtures, etc. Con Contingency	de/Replacement field on lectrical capacity. Provident field fie	Estin \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total mated Project Budget 34,000 490,000 - 10,000 534,000	\$ \$ \$ \$ \$	Estimatec Func	34,000 103,000 - 10,000 147,000		\$F \$\$	0 387,000 0 0		
Design Construction Site Development Other (Furniture and Fixtures, etc. Con Contingency High Performance Costs (Administrative only) Total	de/Replacement field on lectrical capacity. Provident field fie	Estin \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total mated Project Budget 34,000 490,000 - 10,000 534,000 25,000	\$ \$ \$ \$ \$	Estimatec Func	34,000 103,000 - 10,000 147,000 25,000	1/8/2024	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0 387,000 0 0 387,000		
Design Construction Site Development Other (Furniture and Fixtures, etc. Con Contingency High Performance Costs (Administrative only) Total	de/Replacement field on lectrical capacity. Provident 7% 19% 19% 15% 15% 15%	Estir \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total mated Project Budget 34,000 490,000 - 10,000 534,000 25,000 - 559,000	\$ \$ \$ \$ \$	Estimatec Func	34,000 103,000 - 10,000 147,000 25,000 - \$172,000		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0 387,000 0 387,000 - 387,000		

SMITHSBURG ELEMENTARY - SYSTEMIC RENOVATION - CHILLER REPLACEMENT				LEA: WA	SHING	TON COUNTY
State Construction Cost Calculation	С	Total onstruction Cost		79% State Share		Local Share
New/Addition Cost/sf Estimate of Work See attached Scope of Work New sf 0 x \$ 385 Cooperative Arrangement 0 x \$ 385 Site Development 19%	\$ \$ \$ \$	490,000 - - - - 490,000		\$ 387,100 \$ - \$ - \$ - \$ 5	\$ \$ \$ \$	102,900 - - - - 102,900
Renovation	*	100,000		Ψ σσ.,.σσ	—	.02,000
Age of Structure Construction Year sf to be renovated Cost/sf % Covered Cost 40 & Over 0 x \$ 385 100% \$ - - 31-39 0 x \$ 385 85% \$ - 26-30 0 x \$ 385 75% \$ - 21-25 0 x \$ 385 65% \$ - 16-20 0 x \$ 385 50% \$ - 0-15 0 x \$ 385 0% \$ -						
Cooperative Arrangement 0 \$ -	\$ \$	-		\$ - \$ -	\$ \$	-
Cooperative Arrangement 0 x \$ 385 Site Development 5%	\$	-		\$ -	\$	-
	\$	-		\$ -	\$	-
Contingency 0.0%	\$	-		\$ -	\$	-
Maximum State Construction Cost	\$	490,000		\$ 387,100	\$	102,900
Less Prior State Funding				\$ - \$ -		
Net State Construction Cost	\$	490,000		\$ 387,100	\$	102,900
Tot oldo contractor coct	Ψ_	100,000		Ψ σστ,τσσ	Ψ	102,000
Other Local Costs Construction Costs Additional sf 0 x \$ 385 /sf n/a Site Development 12% Contingency 5.0% No longer supported through State funding Utilities 1.5%	\$ \$	- - 24,500			\$ \$ \$ \$	- - 24,500
Water/Sewer Connection Fees n/a Inspection & Testing 2.0%	\$ \$	9,800			\$	9,800
Furniture & Equipment 0% n/a	\$	-			\$ \$	-
Professional Service Architect/Engineer 7%	\$	34,300			\$	34,300
Other Project Specific Costs					\$ \$	-
none	\$	_			\$	-
	\$	-			\$	-
	\$	-			\$	-
Local Cost Sub-total	\$	68,600			\$	68,600
Maximum Budget	\$	558,600		\$ 387,100	\$	171,500
Rounding	Φ	556,000	\vdash	\$ 367,100	\$	500
NET FINAL BUDGET	\$	559,000		\$ 387,000	\$	172,000

SCOPE OF WORK - SMITHSBURG ELEMENTARY - SYSTEMIC RENOVATION - CHILLER REPLACEMENT

General conditions	\$ 30.000	
Removal of old chiller	\$ 20,000	
Chiller installation/Chiller cost	\$ 380,000	
CW loop, welding, piping, etc.	\$ 40,000	
Controls, electric	\$ 20,000	_
	\$ 490,000	Total Estimated Cost

BOONSBORO ELEMENTARY PSC NO.21.027 WINDOW/DOOR REPLACEMENT

							R	equest for Ca	apitai iv	viaintenan	ce Funding									
Interagency Comm	lesion on School Co	Construction																		
PSC No.:	21.027							FUNDIN	G PRO	OGRAM:	PSCP CIP				BUIL	LT TO I	LEARN			
LEA:	Washington									REC	QUEST TYPE:			al					_	
SCHOOL NAME:			•							_	FY:		2024				mitted:			
ADDRESS:	5 Campus Av	renue, Bo	onsboro, M	ID 21713							PRIORITY #:		11		. F	Revised	d Date:	2/21/23		
PROJECT TYPE	(Primary Syste	m/PS):	Roof:		HVAC:			Struc	ctural:			Otl	her Fa	cility Re	enewal:				Windows/D	Ooors: X
			Electric	al Upgrad	е		-				C	OST SHAF		STA		79%	LO	CAL	21%	
C	OOPERATIVE (USE																		
ніс	H PERFORMA	ANCE																		
S	CHOOL NUMB	BER	_				GRADE		-		SRC		499		_					
Asset Tag I	Number of PS ((if applica	ble)				Year PS	S Entered S	ervice	1991										
CURRE	ENT FUNDING RI	EQUEST:		\$357,00	00				EX	KPECTED	FIVE-YEAR F	PROGRAM	1 FUN	DING RE	QUEST	S				TOTAL:
TOTA	L PRIOR STATE	FUNDS:		\$0		FY2025		\$0 FY2	026	\$0	FY2027		\$0	FY2028		\$0	FY2029		\$0	\$357,000
										•			•						-	,
1. SITE:			Acreage	11.010	Date IAC Approved		N/A	M Categor	HΤ γ# 2	Date	of MHT Review	N/A			In PFA	X	Water	Х	Sewer	X
2. EXISTING FAC	·II ITV·				- ''									•						
Z. EXISTING PAC	·ILII I .				RE	NOVATE	ED	DEM	OLISH	HED	TOTAL			3. Indica	ate belo	w the c	date the	building	compone	ent was last
		Gros	ss SF	Date	Gross SF		Date	Gross SI		Date	Gross S			replace						
ORIGII			43,278	1950	43,278	1	1991					13,278								
ADDIT ADDIT			19,438	1991							1	19,438				1991			1	
ADDIT	-																			
ADDIT												-								
TOTA	AL		62,716		43,278				-		•	52,716								
4. Describe all pr have occurred to work orders, etc.	keep the syst			condit	tions in the ar time of replac on properly fo	nnual Ed cement a	ucational l and well be	Facilities Ma eyond their e	ster Pla	an. This ped and rem	aining useful li	lace failing ife cycles.	doors The ex	/windows	s and the	rmally i nd door	inefficien s create	nt window safety/se	vs that will lecurity issue	essment be 31 years old es if they do not doors in the las
5. Detailed Scope																				
The project is int																				
addition in 1991. needed over the	_				•		•	_	-					_						_
more importantly																				
Maryland Histori																				
that occurred du	ring the last 15	5 years [H	VAC (2022)	, HVAC (2	018), Roof (2	2019)]***	**													
6. Alternative So	lution: What el	se can be	done to cc	rrect the	problem:															
There are no alte	rnative solutio	ns for the	se building	compone	ents as they	have su	irpassed	their expec	ted an	nd remain	ing useful se	rvice life.								
7. What Caused	this Problem?	(normal w	vear and tea	ar poor co	ntractor ne	rforman	ce noor	materials i	mnron	er mainte	enance)?									
Age of the exteri						· · · · · · · ·	-5, poor 1			munite		_								
Age of the extern	or willuows all	u uoois, a	and nomial	wear/tear.																

Revised 7/2021

				Request	or oupitur in	aintenance Funding							
8. What are the consecution Check all that apply	equences if this project is not app y:	roved:											
	X 1. Failure of system	is likely to ca	use shutdown of facili	ty for purposes o	f delivering	educational programs a	and services.						
_	2. System is curren	tly adversely	affecting the delivery o	f educational pro	grams & sei	vices.							
_	3. System is currently causing serious threats to life, safety, or health of facility occupants.												
_	4. System is curren	tly causing vi	olations of building or	other official code	es.								
_	5. System is currently causing or will imminently cause damage to other building systems.												
	5. System is currently causing or will imminently cause damage to other building systems. X 6. Replacement/installation will increase the remaining useful lifespan (RUL) of other building systems in the facility, thereby extending the RUL of the facility.												
9. ENROLLMENT PROJECTIONS		Year→	2022	2023	2024	2025	2026	2027	2028	2029	Difference		
(Requested)		SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE		
Requested School:		499	509	548	549	532	530	533	528	525	-26		
10. EMERGENCY EL	LECTRICAL POWER:												
	ctrical Upgrade/Replacement field on grade to the electrical capacity. Prov				the N/A								
44 BUDGET.			Total		Estimated	d Local		Estima	ted Net State				
11. BUDGET:		Estir	nated Project Budget		Fund	ds		F	unding				
Design	70/							-					
	7%	\$	32,000	\$		32,000		\$	0				
Construction	1%	\$	32,000 452,000	\$		32,000 95,000		\$ \$	0 357,000				
Construction Site Development	19%	\$ \$ \$		\$ \$ \$				\$ \$ \$					
	19%	\$		\$ \$ \$				\$	357,000				
Site Development	19%	\$	452,000	\$ \$ \$ \$		95,000		\$	357,000				
Site Development Other (Furniture and F	19% Fixtures, etc.) 2% Construction Cost 5%	\$	452,000 - 9,000	\$ \$ \$ \$ \$		95,000		\$	357,000				
Site Development Other (Furniture and F	19% Fixtures, etc.) 2% Construction Cost 5%	\$	452,000 - 9,000 493,000	\$ \$ \$ \$ \$		95,000 - 9,000 136,000		\$	357,000				
Site Development Other (Furniture and F Contingency High Performance Co	19% Fixtures, etc.) 2% Construction Cost 5%	\$	452,000 - 9,000 493,000	\$ \$ \$ \$ \$ \$ \$		95,000 - 9,000 136,000		\$	357,000				
Site Development Other (Furniture and F Contingency High Performance Co (Administrative only)	19% Fixtures, etc.) 2% Construction Cost 5% osts	\$	452,000 - 9,000 493,000 22,000	\$ \$ \$ \$ \$		95,000 - 9,000 136,000 22,000	1/8/2024	\$	357,000 0 0 357,000				
Site Development Other (Furniture and F Contingency High Performance Co	19% Fixtures, etc.) 2% Construction Cost 5% osts Total	\$	452,000 - 9,000 493,000 22,000 - 515,000	\$ \$ \$ \$ \$ \$ \$ \$		95,000 - 9,000 136,000 - \$158,000		\$ \$ \$ \$ \$ \$ \$	357,000 0 357,000 - 357,000				

BOONSBORO ELEMENTARY - SYS	STEMIC RENOVATION - WINDOW/DOOR REPLACEMENT				LEA:	WAS	HINGTO	ON COUNTY
Chata Canadanation Coat Calculation		С	Total onstruction Cost		79% State Sh	oro		and Chann
State Construction Cost Calculation	2.45		Cost		79% State Si	are	LC	ocal Share
New/Addition	Cost/sf		450.000					04.000
Estimate of Work	See attached Scope of Work	\$	452,000		\$ 357,0	80	\$	94,920
New sf	0 x \$ 385	\$	-		\$	-	\$	-
Cooperative Arrangement	0 x \$ 385	\$	-		\$ \$	-	\$	-
Site Development	19%	\$	-			-	\$	-
		\$	452,000		\$ 357,0	80	\$	94,920
Renovation								
Age of Structure Construction								
40 & Over	0 X 4 000 10070 4							
31-39 26-30								
21-25								
16-20								
0-15	0 x \$ 385 50% \$ - 0 x \$ 385 0% \$ -							
0-13	0 \$ -	\$			\$		\$	
Cooperative Arrangement	0 x \$ 385	— [‡]	-		\$	-	\$	-
Site Development	0 x \$ 300 5%	\$	-		\$ \$	-	\$	-
Site Development	370				•	-		
Contingonov	0.0%	\$			\$	-	\$	-
Contingency	0.076		450,000			-		04.000
Maximum State Construction Cost	Nets Conding	\$	452,000		\$ 357,0	80	\$	94,920
Less Prior S	State Funding				\$ \$	-		
Net State Construction Cost		\$	452,000		\$ 357,0	80	\$	94,920
			,		7 201,0			
Other Local Costs								
Construction Costs								
Additional	sf 0 x \$ 385 /sf <i>n/a</i>	\$	-				\$	-
Site Develop	pment 12%	\$	-				\$	-
	Contingency 5.0% No longer supported through State funding	\$	22,600				\$	22,600
	Utilities 1.5%						\$	-
	Water/Sewer Connection Fees n/a	\$	-				\$	-
	Inspection & Testing 2.0%	\$	9,040				\$	9,040
							\$	-
Furniture & Equipment	0% n/a	\$	-				\$	-
	_						\$	-
Professional Service							\$	-
-	Architect/Engineer 7%	\$	31,640				\$	31,640
							\$	-
Other Project Specific Costs							\$	-
	none	\$	-				\$	-
		\$	-	1			\$	-
		\$					\$	
	Local Cost Sub-total	\$	63,280				\$	63,280
							_	
Maximum Budget		\$	515,280	<u> </u>	\$ 357,0	80	\$	158,200
Rounding						80)	\$	(200)
NET FINAL BUDGET		\$	515,000		\$ 357,0	00	\$	158,000

SCOPE OF WORK - BOONSBORO ELEMENTARY - SYSTEMIC RENOVATION - WINDOW/DOOR REPLACEMENT

General conditions	\$ 30,000
Replacing windows/doors/sills,hardware, etc.	\$ 382,000
Miscellaneous (ceiling repairs/m	\$ 40,000

\$ 452,000 Total Estimated Cost

MARSHALL STREET PSC NO.21.016 ELECTRICAL DISTRIBUTION REPLACEMENT

								quoot ioi ou	pitai man	itoriario	or anang									
Interagency Comm	lesien en School Co	Construction																		
PSC No.:	21.016							FUNDING	PROG	RAM:	PSCP CIP	Х			BUII	LT TO L	EARN			
LEA:	Washington (County								REC	QUEST TYPE:	Facility F	Renew	al			_		<u>-</u> '	
SCHOOL NAME:	Marshall Stre	et School									FY:	:	2024		Da	te Subn	nitted: 9	9/20/22	_	
ADDRESS:	1350 Marshal	I Street, Hage	rstown	, MD 2174	.0						PRIORITY #:		12		F	Revised	Date: 2	2/21/23		
		(20)																	Windows/D	
PROJECT TYPE	Primary Syste	- /	Roof:	al Upgrade	HVAC:			Struc	tural:		•	Ot OST SHA		cility Re		79%	LOC			oors:
ніс	DOPERATIVE USH PERFORMA	JSE INCE	lectrica	ai opgradi	e <u>X</u>		GRADES	S PK-1:	2		SRC		150	312		1976	LOC	JAL	21%	
Asset Tag N	lumber of PS (if applicable)					Year PS	Entered Se	ervice	1976										
CURRE	NT FUNDING RE	EQUEST:		\$557,00	00				EXPE	CTED	FIVE-YEAR	PROGRAM	M FUN	DING RE	QUEST	s				TOTAL:
TOTAL	PRIOR STATE	FUNDS:		\$0		FY2025		\$0 FY20	26	\$0	FY2027		\$0	FY2028		\$0 F	Y2029		\$0	\$557,000
						F12025		\$0 F120	20	φU	F12027		ψU	F12020		ψU I	12029		ψU	φ557,000
1. SITE:		Ac	reage	2.000	Date IAC Approved	N	I/A	Mi Category		Date	of MHT Review	/ N/A	L		In PFA	X	Water _	Х	Sewer	x
2. EXISTING FAC	ILITY:																			
					RE	NOVATE	D	DEM	OLISHED)	TOTAI	L.		3. Indica	ate belo	w the d	ate the	building	compone	nt was last
		Gross SF		<u>Date</u>	Gross SF	D	ate_	Gross SF	Da	ate_	Gross S			replace	d with S	tate Fu	nds:			
ORIGIN	l l	49	,945	1976								49,945								
ADDIT ADDIT	l l											-				1976			_	
ADDIT	-											-								
ADDIT																				
TOTA	-	49	.945		_				_			49,945								
			,0.0					•				10,010								
4. Describe all pr have occurred to work orders, etc.	keep the syste)	em operationa	al? (i.e.,	beyon parts mainte	tions in the ar ad their expec are no longer enance progr	nnual Edu ted and re readily av am, WCP\$	cational F emaining u vailable w S has resp	Facilities Mas useful life cy hich could ro ponded to 23	ter Plan. cles. The esult in a	This p se Mai single	stem includes project will rep n Distribution point of failure the electrical (place distrik Panels, sul	oution p b panel hool's	oanels that is, and sv electrical	at will be vitchgear system	e 48 years r assemb without t	s old at t	the time o	of replacem and new re	ent and well placement
5. Detailed Scope																				
The project will rep electrical equipment and ensure service system will be brought and the Maryland F [Playground (QZAE	nt, replacement p to rooms in the ught up to currer Public School Co	parts are no lor building that h nt standards to enstruction Pro	nger mad ouse me meet all	de, and in t edically fra I code requ	he event of a gile students. iirements. A	failure, co Scope w s a Catego	ould cause vill include ory III facil	e this facility e new circuit lity, this proj	to remair s for spec ect meets	n close cific par s the cr	d until replace tient care area iteria listed in	ment parts s. This pro Stipulation	could oject wi o VI.A o	be procu II not imp f the Prog	red or cu pact or al grammat	istom ma Iter the 2 ic Agree	ade. Elec 2006 eme ment be	ctrical up ergency g tween the	grades will jenerator. 1 e Maryland	also enhance he entire Historic Trust
6. Alternative Sol	ution: What els	se can be don	e to cor	rrect the p	oroblem:															
There are no alte WCPS's education											ul service life	. The abil	lity to	distribut	e electr	icity thr	oughou	ıt this fa	cility is cri	tical to
7. What Caused t	his Problem? (normal wear	and tea	r, poor co	ntractor per	rformanc	e, poor n	naterials, in	nproper	mainte	enance)?									
Age of the Electr	ical Distributio	n System, add	litional	service re	equirements	(equipm	ent, tech	nology, etc	c.) over t	he yea	rs, and norm	nal wear/te	ar.							

Revised 7/2021

				Request f	or Capital N	laintenance Funding					
What are the consequence Check all that apply:	s if this project is not appr	oved:									
Х	1. Failure of system	is likely to ca	ause shutdown of facility	y for purposes o	f delivering	educational programs a	and services.				
	2. System is current	ly adversely	affecting the delivery of	educational pro	grams & se	rvices.					
	3. System is current	ly causing se	erious threats to life, saf	ety, or health of	facility occi	upants.					
	4. System is current	ly causing vi	olations of building or o	ther official code	es.						
X	5. System is current	ly causing or	will imminently cause o	damage to other	building sy	stems.					
X	6. Replacement/insta	allation will i	ncrease the remaining u	seful lifespan (R	UL) of othe	r building systems in the	e facility, thereby	extending the RU	L of the facility.		
9. ENROLLMENT PROJECTIONS		Year→	2022	2023	2024	2025	2026	2027	2028	2029	Difference
(Requested)		SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:		150	100	83	83	83	83	83	83	83	67
electrical system or upgrade to 11. BUDGET:	ше ејеситсат сарасну. Рточк		Total	Frocess.	shel Estimate			emergency. Pending Estima	funding approval, to		
		ESTI	mated Project Budget		Fun	us			unding		
Design	7%	\$	50,000	\$		50,000		\$	0		
Construction		\$	705,000	\$		148,000		\$	557,000		
Site Development	19%	\$	-	\$		<u>-</u>		\$	0		
Other (Furniture and Fixtures	•	\$	14,000	\$		14,000		\$	0		
0. "	Construction Cost	\$	769,000	\$		212,000		\$	557,000		
Contingency High Performance Costs	5%	\$	35,000	\$		35,000		\$			
(Administrative only)	al.	\$	804,000	\$		\$247,000		Φ	557,000		
100	ai	*	804,000	P		\$247,000		Φ	337,000		
12 SCHEDULE: D	ate A/E Hired: 7/26/2023		Ed. Specs: N/A			Estimated Bid	1/8/2024	Actual Bi	d Date:		
Sche	ematic Design: N/A	Design	Development: N/A			Estimated Construction	6/10/2024	Actual Const	ruction:		
Constructi	ion Document: 10/30/2023				Estir	nated Project Completion:	8/16/2024	Project Com	pletion:		

MARSHALL STREET - SYSTEMIC RENOVATION - ELECTRICAL DISTRIBUTION REPLACEMENT					LEA: WAS	HINGT	ON COUNTY
		Total Construction					
State Construction Cost Calculation		Cost		79% 5	State Share	L	ocal Share
New/Addition Cost/sf							
Estimate of Work See attached Scope of Work	\$	705,000		\$	556,950	\$	148,050
New sf 0 x \$ 385	\$	-		\$	-	\$	-
Cooperative Arrangement 0 x \$ 385	\$	-		\$ \$	-	\$ \$	-
Site Development 19%	\$	705,000		\$	556,950	\$	148,050
Renovation	Ф	705,000	_	Ф	550,950	Ф	140,000
Age of Structure Construction Year sf to be renovated Cost/sf % Covered Cost							
40 & Over 0 x \$ 385 100% \$ -							
31-39 0 x \$ 385 85% \$ -							
31-39 0 x \$ 385 85% \$ - 26-30 0 x \$ 385 75% \$ -							
21-25							
16-20 0 x \$ 385 50% \$ -							
0-15 0 x \$ 385 0% \$ -				_			
0 \$ -	\$	-		\$	-	\$	-
Cooperative Arrangement 0 x \$ 385 Site Development 5%	\$	-		\$ \$	-	\$	-
Site Development 5%	\$	-		\$	-+	\$	
Contingency 0.0%	\$	-		\$	-	\$	
Maximum State Construction Cost	\$	705,000		\$	556,950	\$	148,050
Less Prior State Funding	Ψ	700,000	_	\$	-	Ψ	1 10,000
5				\$	-		
Net State Construction Cost	\$	705,000		\$	556,950	\$	148,050
Other Local Costs							
Construction Costs	\$						
Additional sf 0 x \$ 385 /sf n/a Site Development 12%	\$	-				\$ \$	-
Contingency 5.0% No longer supported through State funding	\$	35,250				\$	35,250
Utilities 1.5%	Ι Ψ	00,200				\$	-
Water/Sewer Connection Fees n/a	\$	_				\$	_
Inspection & Testing 2.0%	\$	14,100				\$	14,100
						\$	-
Furniture & Equipment 0% n/a	\$	-				\$	-
						\$	-
Professional Service						\$	-
Architect/Engineer 7%	\$	49,350				\$	49,350
						\$	
Other Project Specific Costs						\$	_
none	\$	_				\$	_
	\$	_				\$	_
	\$	-				\$	-
Local Cost Sub-total	\$	98,700				\$	98,700
Maximum Budget	\$	803,700		\$	556,950	\$	246,750
Rounding VET FINAL BURGET		001005		\$	50	\$	250
NET FINAL BUDGET	\$	804,000		\$	557,000	\$	247,000

SCOPE OF WORK - MARSHALL STREET - SYSTEMIC RENOVATION - ELECTRICAL DISTRIBUTION REPLACEMENT

General conditions	\$ 35,000
Replacing switchgears, main distribution panels, low voltage distribution	
panels, transformers, and branch distribution panels	\$ 600,000
Miscellaneous (ceiling repairs/access/etc.)	\$ 70,000
	\$ 705,000

		FUTURE PRO	JECT RE	QUEST - (Optio	nal Form)		
LEA: DATE:	Washing 9/20/2		FISCAL YEAR:	2024			
PSC NO.:	Various						
PROJECT TYPE	: NEW	ADDITIO	NC	RENOVATION		REPLACE	MENT
	SYS	STEMIC RENOVATIONS	S: X	STATE-OWNED R	ELOCATABLES:		
SCHOOL NAME:		FY 2025 Sy	stemic Renova	tions			
SCHOOL ADDRE	ESS:		Various		_	PRIC	ORITY 13
					_		
DESCRIPTION:							
School &	•	-	FY 25 Red		LEA Costs		Total Cost
	Middle HVAC Ro Heights Middle H	epiacement IVAC Replacement	\$ \$ \$	4,898,000 6,162,000 11,060,000	\$ 2,046,000 \$ 2,574,000 \$ 4,620,000	<u> </u>	6 6,944,000 6 8,736,000 6 15,680,000
PROPOSED RATE		IN UNIO EN	<u> </u>	N/A	GRADE		
REQUEST APPRO					FUNDII		2025
ESTIMATED COST PROJECT JUSTIF		\$11,060,000			LOCAL	COST:	\$4,620,000
Note: Above pr	ojects and estim	ated costs are based on ge in future Educational I			provement Progra	ams.	
1							

	FUTURE PROJECT REQUEST - (Optional Form)										
LEA: DATE:	Washing 9/20/22	ton	CAL YEAR:	BTL 2020	l	,					
PSC NO.:	Various										
PROJECT TYPE:	. NEW	ADDITION		RENOVATION		REPLA	ACEMENT X				
	SYS	STEMIC RENOVATIONS:		STATE-OWNED R	ELOCATA	BLES:					
SCHOOL NAME:		Replacement Ele	mentary Sch	ool							
SCHOOL ADDRE	 ESS:	To Be De	termined		=	F	PRIORITY 14				
					_						
DESCRIPTION:											
Fis	scal Year	Sta	e Request		LEA C	osts	Total Cost				
	2025	<u> </u>	L	P	\$ 1,50	00,000	\$ 1,500,000				
	2026	\$9,000,000 (BT	L) \$3,813,	000 (IAC)*	\$ 7,00	00,000	\$ 19,813,000				
	2027	\$9,000,000 (BT	L) \$3,813,	000 (IAC)*	\$ 7,02	20,000	\$ 19,833,000				
	2028	\$2,800,000 (BTI	.)		\$ 1	50,000	\$ 2,950,000				
		\$20,800,000 (E	TL) \$7,626,	000 (IAC)	\$ 15,6	70,000	\$ 44,096,000				
Note: Per calculationshown here for clar		d be eligible for and require	an additional	\$7,626,000 in IAC/P	SCP fundi	ng for this facil	lity. Those requests are				
SHOWIT HELE TO! Clair	ity.										
	TD 04 D4 017) (1.	25.4550	DIV.5				
PROPOSED RATE			N/A	4		GRADES:	PK-5				
REQUEST APPRO						FUNDING FY:	2026-2028				
ESTIMATED COST		\$20,800,000 (BTL	\$7,626,00	0 (IAC)		OCAL COST:	\$15,670,000				
PROJECT JUSTIFI											
		costs, and draw schedule a									
	,	e in future Educational Faci	ities Master	Plans and Capital Im	provement	Programs bas	sea on future				
discussio	ns with MSA and	i the IAC.									

	FUTURE PROJECT REQUEST - (Optional Form)												
LEA: DATE:	Washin 9/20/2		FIS	SCAL YEA	AR: 2	024							
PSC NO.:	Various												
PROJECT TYPE	: NEV	1	ADDITION		RENO'	VATION		REPLAC	CEMENT				
	S	STEMIC F	RENOVATIONS:	X	STATE-O	WNED RE	LOCATABLES:						
SCHOOL NAME:	:		FY 2026 Syste	mic Reno	vations								
SCHOOL ADDRE	ESS:		Va	rious				PR	RIORITY 15				
DESCRIPTION:													
Hancock Old Forgo	. Doub Element Elementary H\ e Elementary R	AC Replac	cement	FY 26 F \$ \$ \$ \$	869,000 1,817,000 948,000 3,634,000) <u>)</u>	\$ 363,000 \$ 759,000 \$ 396,000 \$ 1,518,000	= =	Total Cost \$ 1,232,000 \$ 2,576,000 \$ 1,344,000 \$ 5,152,000				
PROPOSED RATE REQUEST APPRO		NNING FY	: N/A		N/A		GRADE FUNDII		N/A 2026				
ESTIMATED COST PROJECT JUSTIF Note: Above pr	T TO STATE: ICATION: ojects and estir	nated cost	\$3,634,000 s are based on cure Educational Fac			Capital Imp	LOCAL	COST:	\$1,518,00	00			

		FUTURE PI	ROJECT RE	QUEST - (Optio	nal Form)		
LEA: DATE:	Washing REVISED 2/		FISCAL YEAR	2024			
PSC NO.:	Various						
PROJECT TYPE:	NEW	ADD	ITION	RENOVATION		REPLACEMEN	IT
	SYS	TEMIC RENOVATION	ONS: X	STATE-OWNED R	ELOCATABLES:		
SCHOOL NAME:		FY 2027	Systemic Renova	ations			
SCHOOL ADDRE	SS:		Various		_	PRIORIT	Y 16
					_		
DESCRIPTION:							
Potomac I	Hicks Middle R Heights Element	oof Replacement ary HVAC Replacem	\$	2,291,000 1,817,000 4,108,000	LEA Costs \$ 957,000 \$ 759,000 \$ 1,716,000	\$ \$ \$	al Cost 3,248,000 2,576,000 5,824,000
PROPOSED RATEI		NING FY: N/		N/A	GRADE FUNDI		,
*							
ESTIMATED COST PROJECT JUSTIFIC		\$4,108,000			LOCAL	COST:	\$1,716,000
Note: Above pro	jects and estima	ated costs are based e in future Education		ation. er Plans and Capital Im	provement Progra	ams.	

	FUTURE PROJECT REQUEST - (Optional Form)										
LEA: DATE:	Washing 9/20/22		FISCAL YEAR:								
PSC NO.:	Various										
PROJECT TYPE:	: NEW	A	ADDITION	RENOVATION		REPLACEM	ENT				
	SYS	STEMIC RENOV	ATIONS: X	STATE-OWNED I	RELOCATABLES	:					
SCHOOL NAME:		FY 2	:028 Systemic Ren	ovations							
SCHOOL ADDRE	ESS:		Various			PRIOF	RITY 17				
					<u> </u>						
DESCRIPTION:											
School &		<u>.</u>		FY 28 Request LEA			Total Cost				
	o High HVAC Rod d Middle Roof R		\$ \$	6,913,000 3,002,000	\$ 2,887,000 \$ 1,254,000		9,800,000 4,256,000				
opinigno.	a maaro reserre	opiacomoni.	\$	9,915,000	\$ 4,141,000		14,056,000				
PROPOSED RATE		NUNIO EV	N1/A	N/A	GRAD						
REQUEST APPRO			N/A				28				
ESTIMATED COST PROJECT JUSTIFI		\$9,915	,000		LOCAL	_COST:	\$4,141,000				
Note: Above pro	ojects and estima		ised on current info ational Facilities Ma	rmation. ister Plans and Capital Ii	mprovement Progi	rams.					

	F	UTURE PRO	JECT REC	QUEST - (Optio	nal Form)		
	ashington ISED 2/21/2	2 <u>3</u> FI	SCAL YEAR:	2024			
PSC NO.: Va	rious						
PROJECT TYPE:	NEW	ADDITIO	N	RENOVATION		REPLACEM	ENT
	SYSTEM	IIC RENOVATIONS:	X	STATE-OWNED RE	ELOCATABLES:		
SCHOOL NAME:		FY 2029 Syst	emic Renovat	tions			
SCHOOL ADDRESS:		V	arious		-	PRIOF	RITY 18
					-		
DESCRIPTION:							
School & Project Marshall St. Ed. Springfield Middl Williamsport Higl	Center Roof R e HVAC Replac n Door Replac	acement	FY 29 Req \$ \$ \$	uest 1,185,000 6,399,000 237,000 7,821,000	\$ 495,000 \$ 2,673,000 \$ 99,000 \$ 3,267,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total Cost 1,680,000 9,072,000 336,000 11,088,000
REQUEST APPROVAL FO		FY: N/A	N	I/A	FUNDI) 29
ESTIMATED COST TO ST PROJECT JUSTIFICATIO		\$7,821,000			LOCAL	. COST:	\$3,267,000
Note: Above projects a	nd estimated	costs are based on c uture Educational Fa		ntion. r Plans and Capital Im	provement Progr	ams.	

SUMMARY OF CURRENT PLANNING AND FUNDING REQUESTS LEA: Washington FISCAL YEAR: 2024 DATE: Revised 02/21/23

PRIORITY#	PROJECT TITLE	TOTAL EST.	NON-PSCP/IAC FUNDS	STATE	PRIOR PSCP/IAC	CURRENT REQUESTS (\$ OR LP)	JESTS (enter fiscal year below)				
		COST	FUNDS	FUNDS	FUNDS	` ′	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
	E. Russell Hicks Middle Chiller/Cooling Tower Replacement	\$2,690,000			\$0						
	Clear Spring Elementary Boiler Replacement	\$821,000			\$0						
	Pleasant Valley Elementary HVAC Replacement	\$3,136,000	\$963,000	\$2,173,000	\$0	\$2,173,000					
	Eastern Elementary Boiler/Chiller Replacement	\$1,609,000	\$494,000	\$1,115,000	\$0	\$1,115,000					
	Springfield Middle Electrical Distribution Replacement	\$1,078,000	\$331,000	\$747,000	\$0	\$747,000					
	Hancock Middle/High Electrical Distribution Replacement	\$1,927,000	\$592,000	\$1,335,000	\$0	\$1,335,000					
	Smithsburg Middle Electrical Distribution Replacement	\$1,426,000	\$438,000	\$988,000	\$0	\$988,000					
	North Hagerstown High Roof Replacement	\$5,261,000	\$1,550,000	\$3,711,000	\$0	\$3,711,000					
	Lincolnshire Elementary Chiller Replacement	\$631,000	\$194,000	\$437,000	\$0	\$437,000					
	Smithsburg Elementary Chiller Replacement	\$559,000	\$172,000	\$387,000	\$0	\$387,000					
	Boonsboro Elementary Window/Door Replacement	\$515,000	\$158,000		\$0	\$357,000					
	Marshall Street Electrical Distribution Replacement	\$804,000			\$0	\$557,000					
	FY 2025 Systemic Projects	\$15,680,000		\$11,060,000							
	BTL - Replacement Elementary School			\$28,426,000	\$0				\$12,813,000	\$2,800,000	
	FY 2026 Systemic Projects	\$5,152,000			\$0			\$3,634,000			
	FY 2027 Systemic Projects	\$5,824,000			\$0				\$4,108,000		
	FY 2028 Systemic Projects	\$14,056,000			\$0					\$9,915,000	
	FY 2029 Systemic Projects	\$11,088,000			\$0						\$7,821,000
	TOTAL (Last page only)	\$116,353,000	\$37,149,000	\$79,204,000	\$0	\$14,240,000	\$11,060,000	\$16,447,000	\$16,921,000	\$12,715,000	\$7,821,000

STATUS OF PREVIOUSLY APPROVED PROJECTS

LEA: Washington FISCAL YEAR: FY 2024

DATE: 9/20/2022

PROJECT TITLE and PSC NO.¹ (Chronological Order by Fiscal Year)	MON ⁻	TH AND YE	Percent Construction Completed	Date Occupied			
riscai reai)	IAC	SD	DD	CD	CONTRACT AWARD		
Boonsboro Middle	05/15			11/15	05/16	100%	9/16
Roof Replacement							
21.010.16 SR							
Fountain Rock Elementary	05/15			11/15	05/16	100%	9/16
Roof Replacement							
21.043.16 SR							
Sharpsburg Elementary	5/17	8/17	2/18	8/18*	12/18	97%	8/20
Replacement							
21.019.18 LP							
Urban Educational Campus	5/18	6/17	11/17	3/18	8/18	97%	8/20
New							
21.053.19 LP							
Smithsburg High	6/19				8/20	95%	8/20
Security Improvements							
21.026.19 SSGP							
South Hagerstown High	06/19				6/20	99%	9/20
Roof Replacement-Ph. II							
21.020.20 SR							
Boonsboro Middle	10/19				8/20	99%	9/20
Water Fixture							
21.010.20 HSFF							
Cascade Elementary	10/19				8/20	99%	9/20
Water Fixture							
21.023.20 HSFF							
Clear Spring High	10/19				8/20	99%	9/20
Water Fixture							
21.005.20 HSFF							
Claud Kitchens Outdoor	10/19				8/20	99%	9/20
Water Fixture							
21.048.20 HSFF	10/10				0.400	220/	0.40.0
Hancock Middle/High	10/19				8/20	99%	9/20
Water Fixture							
21.025.20 HSFF	40/40				0/00	0001	0/00
Williamsport High	10/19				8/20	99%	9/20
Water Fixture							
21.031.20 HSFF	F/00			0/04	F/0.4	0501	0/00
Smithsburg High	5/20			2/21	5/21	95%	8/22
HVAC Replacement							
21.026.21/22 SR	F./C.2			4/04	0./00	501	
Western Heights Middle	5/20			1/21	8/22	5%	
Roof Replacement							
21.003.21 SR					VEETA HEVITH		

¹ ALL PROJECTS INCLUDING SYSTEMIC RENOVATION, AGING SCHOOL, SCHOOL SAFETY, HEALTHY SCHOOLS FACILITY FUND AND OZAB

AND QZAB.
* INDICATES DATE OF BOE APPROVAL.

STATUS OF PREVIOUSLY APPROVED PROJECTS

Washington 9/20/2022 LEA: FISCAL YEAR: FY 2024

DATE:

PROJECT TITLE and PSC NO.¹ (Chronological Order by	MON	TH AND YE	Percent Construction Completed	Date Occupied			
Fiscal Year)	IAC	SD	DD	CD	CONTRACT AWARD	Completed	
North Hagerstown High	5/20			1/21	5/21	95%	6/22
Chiller Replacement							
21.024.21 SR							
Smithsburg Middle	11/20			7/21	7/21	100%	10/21
Fire Alarm Replacement							
21.008.21 ASP							
Smithsburg High	5/21			5/22			
Roof Replacement							
21.026.22 SR							
Paramount Elementary	5/21						
Roof Replacement							
21.030.22 SR							
Eastern Elementary	5/21						
Roof Replacement							
21.045.22 SR							
Wash. Co. Tech High	5/21			2/22	5/22	5%	
Elec. Dist. Replacement							
21.013.22 SR							
Claud Kitchens Outdoor	8/21				9/22		
Site Improvements							
21.048.21 SSGP							
Maugansville Elementary	8/21				2/22*	80%	8/22
Security Vestibule							
021.047.21 SSGP							
South Hagerstown High	8/21				9/22		
Bleacher Replacement							
21.020.22 ASP							
Eastern Elementary	11/21						
Termperature Regulation							
21.045.22 HSFF							
North Hagerstown High	11/21						
Termperature Regulation							
21.024.22 HSFF							
Pleasant Valley Elem.	11/21						
Plumbing Upgrade					1		
21.022.22 HSFF							
South Hagerstown High	12/21				_		
Site Lighting							
21.020.22 SSGP							
Boonsboro Middle	5/22						
Elec. Distribution Repl.							
21.010.23 SR							

ALL PROJECTS INCLUDING SYSTEMIC RENOVATION, AGING SCHOOL, SCHOOL SAFETY, HEALTHY SCHOOLS FACILITY FUND

AND QZAB.
* INDICATES DATE OF BOE APPROVAL.

STATUS OF PREVIOUSLY APPROVED PROJECTS

LEA: Washington FISCAL YEAR: FY 2024

DATE: 9/20/2022

						<u> </u>	
PROJECT TITLE and PSC NO.¹ (Chronological Order by	MON	TH AND YE	Percent Construction Completed	Date Occupied			
Fiscal Year)	IAC	SD	DD	CD	CONTRACT AWARD		
Hancock Middle/Sr. High Boiler Replacement 21.025.23 SR	5/22						
Smithsburg Middle Roof Replacement 21.008.23 SR	5/22						
Wiliamsport Elementary Boiler Replacement 21.029.23 SR	5/22						
Williamsport Elementary Roof Replacement 21.029.23 SR	5/22						
1 ALL DROJECTS INCLLIDING		•		•	-	•	

¹ ALL PROJECTS INCLUDING SYSTEMIC RENOVATION, AGING SCHOOL, SCHOOL SAFETY, HEALTHY SCHOOLS FACILITY FUND AND QZAB.

^{*} INDICATES DATE OF BOE APPROVAL.

