PPPN Professional Project Management

<u>Project Name:</u> <u>Annandale School Renovation Project</u>

Location: Annandale, MN

Construction Budget Cost Estimate:

A/ E: Claybaugh A/E Contact: Robert Claybaugh A/E Commission No.: TBD A/E Client: TBD

Summary of Contents:

Documents Provided

Assumptions & Qualifications

Proposed Construction Schedule

CSI Division Cost Summary

Gross Area Summary

Take-Off Breakdown

Project Phase:

Program Design Phase Budget Estimate

Date Prepared:

Mon, 10/21/13

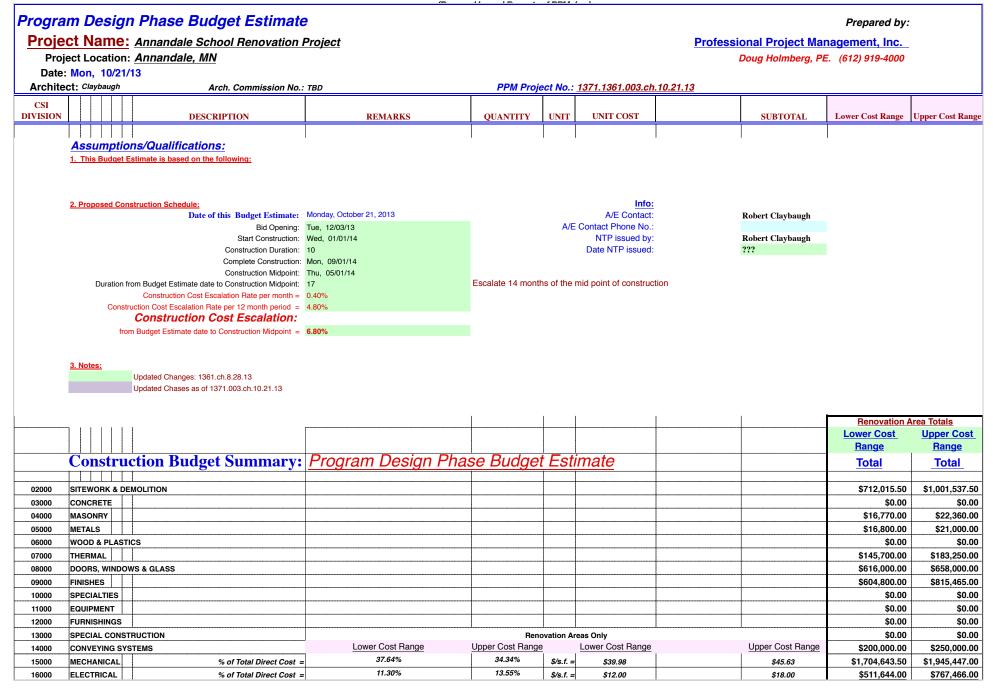
Prepared By:

Douglas L. Holmberg, PE/CPE President, PPM, Inc. Number of Pages:

Pages 1 - 13 <u>PPM Project No.:</u> 1371.1361.003.ch.10.21.13

> Professional Project Management, Inc. 1858 East Shore Drive St. Paul, MN 55109 (612) 919-4000 fax: (651) 774-0935 dougppm@gmail.com

> > Prepared By and Property of: PPM, Inc. 1858 East Shore Drive, St. Paul, MN 55109 (612) 919-4000 f: (651) 774-0935



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CSI DIVISION		DESCRIPTION	REMARKS	QUANTITY	UNIT	UNIT COST	SUBTOTAL	Lower Cost Range	Unner Cost Range
DIVISION				QUAIMIT	UIII	UNIT COST	SOBIOTAL	Lower Cost Range	Opper Cost Range
		TOTAL DIRECT COST						\$4,528,373.00	\$5,664,525.50
		TOTAL DIRECT COST						\$4,526,575.00	\$3,004,323.30
		Deduct Sales Tax	(Reduction = Total Direct Cost x 40% (Materia	ls) x 0???%)				\$0.00	\$0.00
	-+-+-+-	Subtotal		-			-	\$4,528,373.00	\$5,664,525.50
		General Conditions =						\$452,837.30	\$566,452.55
		Subtotal						\$4,981,210.30	\$6,230,978.05
		OH & Profit =						\$199,248.41	<u>\$249,239.12</u>
		Subtotal (W/Out Contingencies)						\$5,180,458.71	\$6,480,217.17
		Gross Square Foot Area						42,637	42,637
	_	Cost Per Square Foot (Without Contingency)						\$121.50	\$151.99
			Low	High				\$121.50	
		Design Contingency =	10%	15%				\$518,045.87	\$972,032.58
		Total Construction Dudget as of	Manday Ostakar 01, 0010				+		67.450.040.75
		Total Construction Budget as of:	<u>Monday, October 21, 2013</u>	+				<u>\$5,698,504.58</u>	<u>\$7,452,249.75</u>
		Cost Per Square Foot (With Design Contingency	//					\$133.65	\$174.78
		Construction Cost Escalation:	6 00%					\$387,498.31	\$506,752.98
		Subtotal	0.00 %					\$6,086,002.89	\$7,959,002.73
			201						* ****
		Occupied Facility Factor / Contingency = Subtotal	0%					\$0.00 \$6,086,002.89	\$0.00 \$7,959,002.73
-		TOTAL CONSTRUCTION BUDGET						<u>\$6,086,002.89</u>	<u>\$7,959,002.73</u>
		as of Bid Day on:	<u>\$40,149.00</u>						
		Cost Per SF as of Bid Day on	\$40,149.00					\$142.74	\$186.67
		Construction Contingency:	(NOT Included, By Owner!)	0%		PM recommends 5%	to 7% for renovation projects	\$0.00	\$0.00
+	-+-+-	Diversity Participation Contingency:	(NOT Included, By Owner!)	0%	tbd ???	Fill recommends 5 %		\$0.00	\$0.00
		Diversity i antispation contingency.						<u> </u>	<u></u>
			CONSTRUCTION BUDGET:					<u>\$6,086,003</u>	<u>\$7,959,003</u>
			Projected to Completion Date of	Monday, Septem	ber 1, 20	14			
								Total Lower	Cost Range
+								\$6,086,0	02 80
								ψ0,000,	02.05
								Average Rer	vation Cost
			Average Cost =						
			Average Cost -	-				\$7,022	
				+			Gross Square Foot Area	42,6	
-						Tot	al Average Cost per SF =	\$164	70
				1					
 -		+++		+					
		+ + +		+					
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CSI DIVISION			DESCRIPTION	REMARKS	QUANTITY	UNIT			SUBTOTAL	Lower Cost Range	Unnen Cest Rend
DIVISION			DESCRIPTION	REMARKS	QUANTITY	UNII	UNITCOST		SUBIUIAL	Lower Cost Kange	Upper Cost Kang
											·····
	┝┝										
			Deduct Alterna	te No. 1: Upper 2 Levels I	Remain Unoco	unied	d - Windows C	Doeninas Insu	lated		
PP	T							peniige neu			
			Add / Deduct Alternates: NOT Included in	Budget Estimate!!!							
							Lower Range	Upper Range	Lower Range	Upper Range	
		DEDUCT:					Unit Cost	Unit Cost	Cost	<u>Cost</u>	
			s, Walls & Flooring, Painting, Misc Finishes / Interior	Build-Out							
			t Floor		10.001		(****	(****		(**********	
			iving Areas		12,294	sf	(\$15.00)	(\$20.00)	(\$184,410.00)	(\$245,880.00)	
			ond Floor								
			iving Areas		12,327	sf	(\$15.00)	(\$20.00)	(\$184,905.00)	(\$246,540.00)	
			ete Mechanical: Air-Side and Wet-Side / Plumbing								
			t Floor								
			iving Areas		12,294	sf	(\$35.00)	(\$40.00)	(\$430,290.00)	(\$491,760.00)	
		Sec	ond Floor								
		L	iving Areas		12,327	sf	(\$35.00)	(\$40.00)	(\$431,445.00)	(\$493,080.00)	
		Sprinkl	er								
		F	Renovation Areas		24,621	sf	(\$2.50)	(\$3.00)	(\$61,552.50)	(\$73,863.00)	
		Tempe	rature Control								
		Firs	t Floor								
		L	iving Areas		12,294	sf	(\$3.00)	(\$3.00)	(\$36,882.00)	(\$36,882.00)	
			ond Floor								
		L	iving Areas		12,327	sf	(\$3.00)	(\$3.00)	(\$36,981.00)	(\$36,981.00)	
							· · · · · · · · · · · · · · · · · · ·			ŕ	
		Compl	ete Electrical (Main Service: 2,500 Amp, 277/480)	, Three Phase, Four Wire Distribution)							
		Firs	t Floor								
			iving Areas		12,294	sf	\$12.00	\$16.00	\$147,528.00	\$196,704.00	
			ond Floor					Ī	·····		l
			iving Areas		12,327	sf	\$12.00	\$16.00	\$147,924.00	\$197,232.00	
						-				,	
		ADD:									
		Windo									
			Window Openings with Sheathing and Insulation		4,800	sf	\$2.00	\$5.00	\$9,600.00	\$24,000.00	
							¢2.00	¢3.00	\$0,000.00	φ21,000.00	
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CSI			DESCRIPTION	DEL A DEC					CI ID TO TA I		T G (D
DIVISION		_	DESCRIPTION	REMARKS	QUANTITY	UNIT	UNIT COST		SUBTOTAL	Lower Cost Range	Upper Cost Range
				Low Cost	High Cost						
			Subtotal Deduct Alternate No. 1	= (\$1,061,413.50)	(\$1,207,050.00)						
			General Condition		(\$100 705 00)						
	 		10.00 Subtot	% <u>(\$106,141.35)</u> al (\$1,167,554.85)	<u>(\$120,705.00)</u> (\$1,327,755.00)						
	 1-1-		Cubiol	(<i>((()</i> , <i>(0)</i> , <i>(0, 0)</i> , <i></i>	(\$1,021,100.00)						
	 +		OH & Profi	t:							
			4	% <u>(\$46,702.19)</u>	(\$53,110.20)						
			Subtotal (W/Out Contingencies) (\$1,214,257.04)	(\$1,380,865.20)						
	 		Design Contingens								
	 +	+	Design Contingenc	y: % <u>(\$121,425.70)</u>	(\$138,086.52)						
	+	+									
	 ++		Total Construction Budge	<u>1 (31,335,682.75)</u>	<u>(\$1,518,951.72)</u>						
			as of Bid Day or	Tue, 12/03/13	Fri, 01/01/04						
	 ₊		Cost Escalation								
	$\left \right $	_	6.80	% (\$90,826.43)	<u>(\$103,288.72)</u>						
	 	_	Outstatel	(61 400 500 40)	(64 000 040 44)						
	 		Subiotai	= (\$1,426,509.18)	(\$1,622,240.44)						
		-									
		1					1				
			Add / Doduct Altornation: NOT Included	Add Alternate No. 2:	Insulate Uppe	r 2 le	vels exterior				
			Add / Deduct Alternates: NOT Included i		Insulate Uppe	r 2 le		Higher Bange	Lower Bange	Higher Bange	
			Add / Deduct Alternates: NOT Included i		Insulate Uppe	r 2 le	Lower Range	Higher Range Unit Cost	Lower Range Cost	Higher Range Cost	
		D:	Add / Deduct Alternates: NOT Included i		Insulate Uppe	r 2 le		Higher Range <u>Unit Cost</u>	Lower Range <u>Cost</u>	Higher Range <u>Cost</u>	
			Add / Deduct Alternates: NOT Included i		Insulate Uppe	<u>r 2 le</u>	Lower Range				
		Nind			4,800	r 2 le 	Lower Range				
		Nind	ow Infill				Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	ow Infill				Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	ow Infill	n Budget Estimate!!!	4,800	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	w Infill Window Openings with Sheathing and Insulation	<u>n Budget Estimate!!!</u>	4,800 Higher Range Cost	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	ow Infill	<u>n Budget Estimate!!!</u>	4,800	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	w Infill Window Openings with Sheathing and Insulation Subtotal Deduct Alternate No. 3	Image: Display to the second	4,800 Higher Range Cost	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	Subtotal Deduct Alternate No. 3 :	n Budget Estimate!!!	4,800 4,800 Higher Range Cost	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	Subtotal Deduct Alternate No. 3 General Condition 10.000	n Budget Estimate!!! n Budget Estimate!!! b B c B c B c B c B c B	4,800 Higher Range Cost \$24,000.00 \$2,400.00	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	Subtotal Deduct Alternate No. 3 General Condition 10.000	n Budget Estimate!!!	4,800 4,800 Higher Range Cost	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	Subtotal Deduct Alternate No. 3 : General Conditions 10.00 Subtot	n Budget Estimate!!!	4,800 Higher Range Cost \$24,000.00 \$2,400.00	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	Subtotal Deduct Alternate No. 3 General Conditions 10.00 Subtot	n Budget Estimate!!! Lower Range Cost Budget Estimate!!!! Lower Range Cost Budget Estimate!!!! Lower Range Cost Budget Estimate!!!!! Lower Range Cost Budget Estimate!!!!! Lower Range Cost Budget Estimate!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	4,800 4,800 Higher Range Cost \$24,000.00 \$2,400.00 \$26,400.00	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	Subtotal Deduct Alternate No. 3 = General Conditions UNION	Image: Description Description Image: Description Image: Description Image: Descrin	4,800 4,800 Higher Range Cost \$24,000.00 \$26,400.00 \$1,056.00	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	Subtotal Deduct Alternate No. 3 General Conditions 10.00 Subtot	Image: Description Description Image: Description Image: Description Image: Descrin	4,800 4,800 Higher Range Cost \$24,000.00 \$2,400.00 \$26,400.00	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	Subtotal (W/Out Contingencies	n Budget Estimate!!!	4,800 4,800 Higher Range Cost \$24,000.00 \$26,400.00 \$1,056.00	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	Subtotal Deduct Alternate No. 3 General Conditions 10.00 Subtotal Deduct Alternate No. 3 General Conditions 10.00 Subtot OH & Profi Subtotal (W/Out Contingencies Design Contingenc 10.00	n Budget Estimate!!!	4,800 Higher Range Cosi \$24,000.00 \$2,400.00 \$26,400.00 \$1,056.00 \$27,456.00 \$2,745.60	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	Image: Subtotal Deduct Alternate No. 3 Subtotal Deduct Alternate No. 3 General Condition: 10.00 Subtotal OH & Profition: Subtotal (W/Out Contingencies) Design Contingence 10.00 Total Construction Budge	n Budget Estimate!!! Lower Range Cost Budget Estimate!! Lower Range Cost Budget Estimate!!! Lower Range Cost Budget Estimate!!! Lower Range Cost Budget Estimate!!! Signature Signature Bignature Bignature Bignature Signature Bignature Bignature Bignature Bignature Bignature Bignature	4,800 Higher Range Cost \$24,000.00 \$26,400.00 \$1.056.00 \$27,456.00 \$2,745.60 \$30,201.60	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	Subtotal Deduct Alternate No. 3 General Conditions 10.00 Subtotal Deduct Alternate No. 3 General Conditions 10.00 Subtot OH & Profi Subtotal (W/Out Contingencies Design Contingenc 10.00	n Budget Estimate!!! Lower Range Cost Budget Estimate!! Lower Range Cost Budget Estimate!!! Lower Range Cost Budget Estimate!!! Lower Range Cost Budget Estimate!!! Signature Signature Bignature Bignature Bignature Signature Bignature Bignature Bignature Bignature Bignature Bignature	4,800 Higher Range Cosi \$24,000.00 \$2,400.00 \$26,400.00 \$1,056.00 \$27,456.00 \$2,745.60	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	Jow Infill I Window Openings with Sheathing and Insulation Subtotal Deduct Alternate No. 3 = General Conditions 10.00° Subtotal Deduct Alternate No. 3 = OH & Profi 4 Subtotal (W/Out Contingencies Design Contingence 10.00° Total Construction Budge as of Bid Day or	n Budget Estimate!!!	4,800 Higher Range Cost \$24,000.00 \$26,400.00 \$1.056.00 \$27,456.00 \$2,745.60 \$30,201.60	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	
		Nind	I Window Openings with Sheathing and Insulation Subtotal Deduct Alternate No. 3 General Conditions 10.00 Subtotal Deduct Alternate No. 3 = OH & Profi 10.00 Subtotal (W/Out Contingencies Design Contingence 10.00 Total Construction Budge as of Bid Day or Cost Escalation	n Budget Estimate!!!	4,800 Higher Range Cost \$24,000.00 \$26,400.00 \$1.056.00 \$27,456.00 \$2,745.60 \$30,201.60	sf	Lower Range <u>Unit Cost</u>	Unit Cost	Cost	Cost	

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CSI					DECOMPTION						CURTOR L		
DIVISION			_		DESCRIPTION	REMARKS	QUANTITY	UNIT	UNIT COST		SUBTOTAL	Lower Cost Range	Upper Cost Rai
					Subtotal =	\$12,902.12	\$32,255.31						
												•	
						Add Alternate No. 3	: Exterior Site	e Impi	rovements				
					Add / Deduct Alternates: NOT Included in	Budget Estimate!!!							
									Lower Range	Higher Range	Lower Range	Higher Range	
									Unit Cost	Unit Cost	Cost	Cost	
		AD	D:										
			Site	Dem	0:								
		+			ve existing top soil / landscaping at green spaces	30,966 sf x 6" /27	573	су	\$4.00	\$8.00	\$2,293.78	\$4,587.56	
	\neg	+			ve Existing Asphalt Paving	31,576 sf x 8" / 27	784	cy	\$8.00	\$12.00	\$6,268.42	\$9,402.63	
		+			Grading Allowance		1	allow	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	
		+	-	1 1				anow	ψ0,000.00	ψ10,000.00	ψ0,000.00	φ10,000.00	
		+	Nor	Site	work:								
		+			worк: opsoil at green spaces	30,966 sf x 4" /27	378		\$12.00	\$15.00	\$4,541.68	\$5,677.10	
		+				30,966 / 9	3,441	су	\$12.00	\$15.00	\$4,541.68	\$5,677.10	
					5	30,30073		sy allow				\$8,001.07	
					andscaping Allowance at Parking area				\$3,000.00	\$8,000.00	\$3,000.00		
					Lighting Allowance		1	allow	\$5,000.00	\$8,000.00	\$5,000.00	\$8,000.00	
		_			Concrete Walks		1,060	sf	\$3.00	\$4.00	\$3,180.00	\$4,240.00	
		_			overed Parking Area								
		_			ase Course	23,029 sf x 6" / 27	426	су	\$12.00	\$15.00	\$5,117.56	\$6,396.94	
		_			sphalt Paving	23,029 sf / 9	2,559	sy	\$12.00	\$14.00	\$30,705.33	\$35,822.89	
		_			Curb & Gutter		983	lf	\$12.00	\$15.00	\$11,796.00	\$14,745.00	
			_		ainted Stalls		43	ea	\$10.00	\$15.00	\$430.00	\$645.00	
			New	Cov	ered Parking Area								
			ι	nhea	ted Parking Garage - 18 stalls		3,748	sf	\$110.00	\$140.00	\$412,280.00	\$524,720.00	
				TT									
						Lower Range Cost	Higher Range Cos	t					
					Subtotal Deduct Alternate No. 3 =	\$494,773.77	\$640,838.79						
					General Conditions:								
						\$49,477.38	\$64,083.88						
				++		\$544,251.14	\$704,922.67						
	-+-	+	-	++	5051014	·····							
		+	+	++	OH & Profit:								
			-	+		\$21,770.05	\$28,196.91						
		+		++	Subtotal (W/Out Contingencies)		\$733,119.57						
		+	-+-	++		φσσσ,σ2 1.13	wr 55, 113.57						
		-	+	+	Design Operation								
		+-		++	Design Contingency:		670 011 00						
				+-+	<u>Total Construction Budget</u>	<u>\$56,602.12</u>	\$73,311.96						
				+	<u>Iotal Construction Budget</u>	<u>7022,023.31</u> Fri 01/01/04	<u>\$806,431.53</u> Fri, 01/01/04						
				+	as of Bid Day on:	FI, 01/01/04	I I I I I I I I I I I I I I I I I I I						
			_	+									
				+	Cost Escalation:								
				\parallel		<u>\$42,338.39</u>	<u>\$54,837.34</u>						
					Subtotal =	\$664,961.69	\$861,268.87						
_			[II									

							(Froparo	i by and Property		inc.)				
CSI														
DIVISION						DESCRIPTION	REMARKS	QUANTITY	UNIT	UNIT COST		SUBTOTAL	Lower Cost Range	Upper Cost Range
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						TOTAL DIRECT COST SUMMAR	<u>Y:</u>							
						Quantity Take-Off)								
	$^{++}$		-			Gross Areas:								
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	+	\vdash		+	\vdash		Mon, 10/21/13						I	1
	+				\vdash		Mon, 10/21/13							
	++	\vdash		+	\vdash		Democratica Arrest							
							Renovation Areas							
					Bas	ement Level	(Square Feet)							
						Boiler Room	1,260							
	++					Gym	4,431							
	$^{++}$				\vdash	School Area	12,325							
					Firs	t Floor	,							
					T	Living Areas	12,294							
	++				Sec	ond Floor	,							
	++	\vdash			T	Living Spaces	12,327							
	+		-			3	.2,027							
	++			+	Sut	ntotal Renovation Areas =		42,637						
	+			+				12,001						
	$\left \right $			-	\vdash									
	$\left \cdot \right $				$\left \right $		40.007	I						
						<u>Total Gross Area</u>	42,637							
	Π											Reno	vation	
00000	0	-	14/			& DEMOLITION					U.S. Barris		Harris Barris	
02000	5		VV C	JR						Lower Range	Upper Range	Lower Range	Upper Range	
										Unit Cost	Unit Cost	Cost	Cost	
	Der	moli	tion	& C	lea	ring_								
			E DE				TBD	0	allow	\$10,000.00	\$15,000.00	\$0.00	\$0.00	
	$\uparrow \uparrow$		T	É				1		,				
	++	\vdash			\vdash		Low Cost	High Cost						
	++	\vdash	+	\square	\vdash	Subtotal Site Demolition & Clearing =	\$0.00	\$0.00						
		\vdash	+	\square		u creating _								
	$\uparrow \uparrow$	\vdash	-											
	++	\vdash		+	\vdash	NOTE: The Following Costs ARE NOT Included								
	++	\vdash				1. Contaminated Soil Abatement / Remediation			ea	\$0.00		\$0.00		
	+		+			2. Hazardous Material Abatement / Remediation			ea	\$0.00		\$0.00		
	++	\vdash	-+	+	┝─┦╹	3. Soils Correction	<u>.</u>		ea	\$0.00		\$0.00		
	+ +			+ - +	┝╌╞				ca	φ0.00		ψ0.00		
	+	\vdash		+	\vdash									
	.					n / Prop								
	Bul	nuin Est				n / Prep								
	$\left \right $		erior				Allowance)		¢20.000.00	¢40.000.00	¢00.000.00	¢40.000.00	
	$\left \right $, 10	1,045 sf x 13'	1 13,585	sf	\$30,000.00	\$40,000.00 \$0.50	\$30,000.00 \$4,075.50	\$40,000.00 \$6,792.50	
L		L	Jemo	JIISN	I EXI	sting Boiler Building	1,0 TO 01 X 10	13,585	cf	\$0.30	Φ U.50	\$4,075.50	Φ 0,792.50	1

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CSI DIVISION			DESCRIPTION	REMARKS	QUANTITY	UNIT	UNIT COST		SUBTOTAL	Lower Cost Range	Upper Cost Range
		Remove Exte	rior Windows		7,000	sf	\$7.00	\$9.00	\$49,000.00	\$63,000.00	1
					.,				\$10,000.00	\$00,000.00	
	B	Roofing Demo									
			ng roofing system								
		Boiler Bui			1,115	sf	\$2.00	\$4.00	\$2,230.00	\$4,460.00	
		Gym			4,583	sf	\$2.00	\$3.00	\$9,166.00	\$13,749.00	
		Main Build	ling		12,327	sf	\$2.00	\$3.00	\$24,654.00	\$36,981.00	
		Demo Exiting		Allowance	1	sf	\$500.00	\$1,000.00	\$500.00	\$1,000.00	
						01		φ1,000.00	\$000.00	\$1,000.00	
		+++++									
	In	nterior Demolitie				++					
			aterial Abatement	Allowance by A/E	1	sf	\$166,000.00	\$166,000.00	\$166,000.00	\$166,000.00	
			Finishes, Mechanical, and Electrical Systems				φ100,000.00	φ100,000.00	φ100,000.00	φ100,000.00	
		Boiler Bui			1,260	sf	\$10.00	\$15.00	\$12,600.00	\$18,900.00	
		Gym	un 19		4,431	sf	\$10.00	\$15.00	\$44,310.00	\$66,465.00	
		Main Build	ling		4,401	51	φ10.00	φ10.00	φ 44 ,310.00	φ00,405.00	
		Basem			12,325	sf	\$10.00	\$15.00	\$123,250.00	\$184,875.00	
						si			\$123,250.00	\$184,875.00	
		First Fl			12,294		\$10.00	\$15.00			
		Secon	1 Floor		12,327	sf	\$10.00	\$15.00	\$123,270.00	\$184,905.00	
		-+									
		+++++++++++++++++++++++++++++++++++++++		Low Cost	Lish Oast						
		+ + + + +		\$711,995.50	High Cost \$971,537.50						
		+++++	Subtotal Building Demo / Prep =	\$711,995.50	\$971,537.50						
		+-+-+-+									
		Work		700					* 2.22	****	
		lew Site Work		TBD	0	sf	\$0.00	\$0.00	\$0.00	\$0.00	
	N	lew Access Ent	ry - excavation and partial floor replacement neede	Allowance	1	allow	\$20.00	\$30,000.00	\$20.00	\$30,000.00	
		++++									
										Renova	
			Subtotal Sitework & Demolition								
			Subtotal Sitework & Demolition								
			Subtotal Sitework & Demolition								
03000			Subtotal Sitework & Demolition								
03000	CO	DNCRETE	Subtotal Sitework & Demolition								
03000			Subtotal Sitework & Demolition							\$712,015.50	\$1,001,537.50
03000	CO									\$712,015.50	\$1,001,537.50
03000	CO		Subtotal Sitework & Demolition							\$712,015.50	\$1,001,537.50
03000	CO									\$712,015.50	\$1,001,537.50
										\$712,015.50	\$1,001,537.50
										\$712,015.50	\$1,001,537.50
										\$712,015.50	\$1,001,537.50
04000	MA	ASONRY	Subtotal Concrete							\$712,015.50	\$1,001,537.50
04000	MA	ASONRY rior Masonry	Subtotal Concrete							\$712,015.50	\$1,001,537.50
04000	MA	SONRY rior Masonry 1	Subtotal Concrete Valls th CMU & Brick Veneer		559	sf	\$30.00	\$40.00	\$16.770.00	\$712,015.50 Renov: \$0.00	\$1,001,537.50
04000	MA	ASONRY rior Masonry	Subtotal Concrete Valls th CMU & Brick Veneer			sf	\$30.00	\$40.00	\$16,770.00	\$712,015.50	\$1,001,537.50
04000	MA	SONRY rior Masonry 1	Subtotal Concrete Valls th CMU & Brick Veneer				\$30.00	\$40.00	\$16,770.00	\$712,015.50 Renov: \$0.00	\$1,001,537.50
04000	MA	SONRY rior Masonry 1	Subtotal Concrete Valls th CMU & Brick Veneer			sf	\$30.00	\$40.00	\$16,770.00	\$712,015.50 Renov: \$0.00	\$1,001,537.50
04000	MA	SONRY rior Masonry 1	Subtotal Concrete Valls th CMU & Brick Veneer			sf	\$30.00	\$40.00	\$16,770.00	\$712,015.50 Renova \$0.00 \$22,360.00	\$1,001,537.50
04000	MA	SONRY rior Masonry 1	Subtotal Concrete Valls th CMU & Brick Veneer	43 if x 13'	559		\$30.00	\$40.00	\$16,770.00	\$712,015.50 Renov: \$0.00	\$1,001,537.50

					1		(Froparo	i by and Froporty (inc.)				
CSI													1	
DIVISION						DESCRIPTION	REMARKS	QUANTITY	UNIT	UNIT COST		SUBTOTAL	Lower Cost Range	Upper Cost Range
					-									
05000	M	ET,	AL	S										
		N	lew l	Rais	ed F	Floor Area		600	sf	\$28.00	\$35.00	\$16,800.00	\$21,000.00	
													Renova	ation
						Subtotal Metals							\$16,800.00	\$21,000.00
00000	1.0			•		A GTIOS								
06000	VV	UU	טנ	άI	PL,	ASTICS								
		LT											Renova	
	Γ		T			Subtotal Wood & Plastic							\$0.00	\$0.00
				Π										
07000	-												[
07000		HE	ĸW	AL	•									
	Bu	ilt-U	p Ro	ofir	g									
		Fully	y Adł	nere	d Ro	oofing System w/ sheathing and Insulation								
		E	Boiler	r Bui	Iding]		1,115	sf	\$8.00	\$10.00	\$8,920.00	\$11,150.00	
			Gym					4,583	sf	\$8.00	\$10.00	\$36,664.00	\$45,830.00	
			<i>N</i> ain					12,327	sf	\$8.00	\$10.00	\$98,616.00	\$123,270.00	
								1						
		New	/ Roo	of Ha	atch			1	sf	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00	
	1				T			1						
	1	Skvl	liaht	Rep	lace	ment - TBD								
		ÍÍ	<u> </u>	ΠŤ	T									
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	+			+	-									
	+	++			+								Renova	ation
					+	Subtotal Thermal							\$145,700.00	
	+			\mathbf{H}	+								¢1.10,1.00.00	¢,
	+-	$\left \right $		+-+	+									
	1_	<u> </u>												
08000	D	00	rs,	Wi	nd	ows & Glass							1	1
	Do	ors			F	Refinish Existing doors, replace entry doors - incude	ed with renovation costs below							
		ΠŤ												
	1		1											
					-									
???	Wo	i i od \	Vind	lows	2		Allowance???							
		Woo												
			Exteri				New exterior windows	7,000	sf	\$88.00	\$94.00	\$616,000.00	\$658,000.00	
	+	⁺		T T	T	<u></u>		1	5.	¢00.00	¢01.00	\$510,000.00	\$350,000.00	
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	+	\vdash	+	++	+									
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						(Fropan	opi by and Froporty	1	inc.)				
CSI					DECONPEION						CURTOTAL		
DIVISION		_		+	DESCRIPTION	REMARKS	QUANTITY	UNIT	UNIT COST		SUBTOTAL	Lower Cost Range	Upper Cost Range
		_											1
	\vdash												
		_							\$0.00		¢0.00		
	IVIISC	<u>: Do</u>	ors,	Wind	lows & Glass Allowance		+	ea	\$0.00		\$0.00	Renova	ation
	\vdash	-		+	Subtotal Doors, Windows & Glass							\$616,000.00	
	++				Subiolal Doors, Windows & Class							\$010,000.00	\$000,000.00
	++	-											
00000													
09000	Fin			-									
				Valls ent L	& Flooring, Painting, Misc Finishes / Interior Build-O								
	\vdash			ent L er Ro			1,260	sf	\$5.00	\$8.00	\$6,300.00	\$10,080.00	
	++		Gym				4,431	sf	\$10.00	\$15.00	\$44,310.00	\$66,465.00	
	++			ool A			12,325	sf	\$15.00	\$20.00	\$184,875.00	\$246,500.00	
	$\uparrow \uparrow$		st Flo				1		÷	\$20.00	÷,	+= 10,000.00	
				ng Ar	eas		12,294	sf	\$15.00	\$20.00	\$184,410.00	\$245,880.00	
				Floo									
				ng Sp			12,327	sf	\$15.00	\$20.00	\$184,905.00	\$246,540.00	
	\vdash	_		_									
	\downarrow												
	\vdash	_		-									
	$\left - \right $											Renova	ation
	++	+-		+	Subtotal Finishes							\$604,800.00	
	++	+		+	Subiolai Finisiles							\$004,000.00	\$013,403.00
	++			+									
			LL		-								
10000	SP	'EC	IAI	_111	:5								
		_											
												Renova	
	++				Subtotal Specialties							\$0.00	\$0.00
	++	+-											
11000	EQ	UI	PM	EN	Г								
												Renova	
		_			Subtotal Equipment							\$0.00	\$0.00
	\vdash												
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12000	FU	RN	IS	HIN	GS								
						<u> </u>							
	Misc	. Allo	wan	ce		Allowance		ea	\$0.00		\$0.00		
												Renova	
		_			Subtotal Furnishings							\$0.00	\$0.00
	++												
	\vdash												
13000	SP	EC	IAI	_ C	ONSTRUCTION							1	
						1		1					
	$\uparrow \uparrow$	+											
												Renova	
					Subtotal Special Construction	1						\$0.00	\$0.00

						ioparopi by and Froporty	1	nc.)			· · · · · · · · · · · · · · · · · · ·	
CSI DIVISION				DESCRIPTION	REMARKS	QUANTITY	UNIT	UNIT COST		SUBTOTAL	Lower Cost Range	Upper Cost Rang
	11						1 1					
	++											
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	┢╌└╴										<u> </u>	
14000	CO	NVE	YIN	G SYSTEMS								
	T						++					
	Eleva	ators									1	
			, Fro	t & Rear Entry								
	++			5-Stop							1	
				asement (Difficult Construction		5	stop	\$30,000.00	\$35,000.00	\$150,000.00	\$175,000.00	
	H	oistway		x		5	stop	\$10,000.00	\$15,000.00	\$50,000.00	\$75,000.00	
	++	Hoist								,	Renova	tion
	++			Subtotal Conveying Syste	ems						\$200,000.00	\$250,000.0
	++			,, _,, _							+===,====	+,
		+					1					
											++	
15000	ME	CHA	NIC	AL								
	Com	plete N	echa	nical: Air-Side and Wet-Side / Plumbing								
		ir Side		_								
	$\uparrow \uparrow$	Base		evel							t	
			iler R			1,260	sf	\$35.00	\$45.00	\$44,100.00	\$56,700.00	
			m			4,431	sf	\$30.00	\$35.00	\$132,930.00	\$155,085.00	
	+-+-		hool A			12,325	sf	\$35.00	\$40.00	\$431,375.00	\$493,000.00	
	++	First								<i><i><i>ϕ</i> 101,010.00</i></i>	\$100,000.00	
	++		ing A			12,294	sf	\$35.00	\$40.00	\$430,290.00	\$491,760.00	
	++	Seco					31	φ03.00	φ+0.00	φ+00,200.00	φ+31,700.00	
	++			laces		12,327	sf	\$35.00	\$40.00	\$431,445.00	\$493,080.00	
	++		ing S			12,527	51	φ35.00	φ40.00	\$431,445.00	\$493,060.00	
	+											
	++						++				<u> </u>	
	++				£1 470 140 00						<u> </u>	
	++			Subtotal Complete Mechanica	1 = \$1,470,140.00						<u> </u>	
	+ + -			Cost / S	F = #REF!						ll	
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	Plum	bing		Include Above								
	Plum	bing		Subtotal Plumbin								
	Plum	bing										
	Plum	bing		Subtotal Plumbin								
	Plum	bing		Subtotal Plumbin								
	Plum	bing		Subtotal Plumbin								
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			nclude	Subtotal Plumbin			ea	\$0.00		\$0.00		
				Subtotal Plumbing Plumbing Cost / Si	F = #REF!		ea	\$0.00		\$0.00		
		onics (i		Subtotal Plumbing Plumbing Cost / Si	F = #REF!		ea					
	Hydro	onics (i		Subtotal Plumbing Plumbing Cost / Si d in HVAC "Wet Side") Areas	F = #REF! Included Above!	42,637	ea sf	\$0.00	\$3.00	\$0.00	\$127,911.00	
	Hydro	onics (i		Subtotal Plumbing Plumbing Cost / Si d in HVAC "Wet Side") Areas	F = #REF! Included Above!	42,637			\$3.00		\$127,911.00	
	Hydro	onics (i		Subtotal Plumbing Plumbing Cost / Si d in HVAC "Wet Side")	F = #REF! Included Above!	42,637			\$3.00		\$127,911.00	
	Hydro	onics (i	vation	Subtotal Plumbing Plumbing Cost / Si d in HVAC "Wet Side") Areas Subtotal Sprinkle	F = #REF! Included Above!	42,637	sf	\$2.50	\$3.00	\$106,592.50	\$127,911.00	
	Hydro	onics (i kler Reno	vation	Subtotal Plumbing Plumbing Cost / Si d in HVAC "Wet Side") Areas Subtotal Sprinkle trol	F = #REF! Included Above! rr = \$106,592.50	42,637			\$3.00		\$127,911.00	
	Hydro	onics (i kler Reno	vation e Cor nent I	Subtotal Plumbing Plumbing Cost / Si d in HVAC "Wet Side") Areas Subtotal Sprinkle trol	F = #REF! Included Above! rr = \$106,592.50		sf sf	\$2.50 \$3.00		\$106,592.50 \$0.00		
	Hydro	onics (i kler Reno Deratur Base	vation e Cor nent I iler R	Subtotal Plumbing Plumbing Cost / Si d in HVAC "Wet Side") Areas Subtotal Sprinkle trol	F = #REF! Included Above! rr = \$106,592.50	1,260	sf sf sf	\$2.50 \$3.00 \$3.00	\$3.00	\$106,592.50 \$0.00 \$3,780.00	\$3,780.00	
	Hydro	onics (i kler Reno Deratur Base Base	vation e Cor nent I iler R m	Subtotal Plumbing Plumbing Cost / Si d in HVAC "Wet Side") Areas Subtotal Sprinkle trol evel	F = #REF! Included Above! rr = \$106,592.50	1,260	sf sf sf sf sf	\$2.50 \$3.00 \$3.00 \$3.00	\$3.00 \$3.00	\$106,592.50 \$0.00 \$3,780.00 \$13,293.00	\$3,780.00 \$13,293.00	
	Hydro	onics (i kler Reno Deratur Base Base	vation e Cor nent I iler R m hool /	Subtotal Plumbing Plumbing Cost / Si d in HVAC "Wet Side") Areas Subtotal Sprinkle trol evel	F = #REF! Included Above! rr = \$106,592.50	1,260	sf sf sf	\$2.50 \$3.00 \$3.00	\$3.00	\$106,592.50 \$0.00 \$3,780.00	\$3,780.00	

				(Fioparo	u by and Froporty ((** **	inc.)	<u>г т</u>			
CSI DIVISION			DESCRIPTION	REMARKS	QUANTITY	UNIT	UNIT COST		SUBTOTAL	Lower Cost Range	Upper Cost Rang
		Second Flo	bor					++			[
		Living S			12.327	sf	\$3.00	\$3.00	\$36,981.00	\$36,981.00	
					1		+0.00			\$00,001.00	
								<u> </u>			
	\vdash					- I					
		+-+-+-	-								
		+-+-+-	-								
	Misc.	Mechanical	Allowance								
		enovation Ar								Renova	ation
			Subtotal Mechanical							\$1,704,643.50	\$1,945,447.00
				Total Mechanical Cost/sf =							
				% of Total Construction Budget =							
16000	EI I	ECTRIC	A1								
10000	CLI					<u> </u>					
					<u> </u>	ļ'	ļ				ļ
	Com		ical (Main Service: 2,500 Amp, 277/480V, Three Ph	ase, Four Wire Distribution)		ļ!					
		Basement			1 000						
	┝	Boiler F	oom I		1,260	sf	\$12.00	\$18.00	\$15,120.00	\$22,680.00	
	\vdash	Gym			4,431	sf	\$12.00	\$18.00	\$53,172.00	\$79,758.00	
		School			12,325	sf	\$12.00	\$18.00	\$147,900.00	\$221,850.00	
		First Floor			12,294			010.00	\$147.500.00	\$001 000 00	
	┝┝-	Living A			12,294	sf	\$12.00	\$18.00	\$147,528.00	\$221,292.00	
	\vdash	Second Flo			12,327		¢10.00	¢10.00	<u> </u>	¢001.000.00	
	$\left \cdot \right $	Living S	paces		12,327	sf	\$12.00	\$18.00	\$147,924.00	\$221,886.00	
	\vdash					l					
		+-+-+-				<u> </u>					
	$\left - \right $	+-+-+-				<u>├</u> /		++			
	\vdash							++		Renova	tion
	$\left \cdot \right $		Subtotal Electrical			!				\$511,644.00	
			Subiolai Liecincai	Total Electrical Cost/sf =				+		\$12.00	\$707,400.00
	$\left \cdot \right $			% of Total Construction Budget =				+		8.98%	
	$\left \cdot \right $		-	,		<u></u>		++		0.50%	
	$\left - \right $	+			<u>.</u>	<u>├</u> /		<u>+</u> +			
	\vdash	+						<u> </u>			
					1						
			ITEMS NOT INCLUDED IN BUDGET ESTIMATE:							· · · · · · · · · · · · · · · · · · ·	
			1. Items specifically not listed above but not l	imited to the following:							
			2. Design Contingency to be determined by A			!					
	$\left - \right $	+	3. Construction Contingency to be determine	d by Architect & Owner		!					
		┼┼┼┼	4. Design Fees 5. Consultant Reimbursables			<u>├'</u>	l				l
	\vdash	++++	6. Owner Provided Items			├ ───┤	l	++		[!]	l
	\vdash	++++	7. Owner Soft Costs					++			
			8. Furniture								
							[
			NOTE:								
			Professional Project Management, Inc. car								
L		+	not warrant or represent the accuracy of the	nis budget		ļ'					
		+ $+$ $+$ $+$ $+$	estimate.			ļ'				ļ	
	├	╆╌╋╌╋╌╋	The above meterials including budget act	mata		<u> </u>					
	$\left - \right $	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$	The above materials including budget esti format and budget cost information have b			Į/		++			
		+ $+$ $+$ $+$	developed by Professional Project Manage		+	───┘		<u> </u>			l

	CSI DIVISION			DESCRIPTION	REMARKS	QUANTITY	UNIT	UNIT COST	SUBTOTAL	Lower Cost Range Upper Cost Range
Γ										
Γ				may be reproduced and/or distributed wit	hout					
				the express permission in writing of Profe	essional					
				Project Management, Inc.						