

Opinion of Cost for:

**San Diego High School**  
San Diego Unified School District  
San Diego, CA 92122

*Ceiling Fans / New Operable Windows / Passive System Ventilation /  
Skylight Between Classrooms / Tubular Skylight Daylighting*

23-Aug-16

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LOCATION: San Diego High School



**ESTIMATE WORKSHEET for Passive System Ventilation**

Description	Quantity	Unit	UNIT COST				Lump Sum Subcontract	SUBTOTALS				Total	Comments	
			Labor	Material	Equip.	Other		Labor	Material	Equip.	Other			
Add operable windows	10	ea	0			9088		0	0	0	90880	90,880	Ceiling to floor or roof above  metal cladding and membrane  80%	
Two shafts, one story, 4x8x6' h	288	sf				12	0	0	0	0	3456	3,456		
Shaft liner/waterproofing	288	sf				9	0	0	0	0	2592	2,592		
Roof cut out/frame	80	hrs	85	2000			0	6800	2000	0	0	8,800		
Frame roof top enclosure	384	sf				11		0	0	0	4224	4,224		
Roof top enclosure skin	384	sf				36		0	0	0	13824	13,824		
Roof structure	64	sf				12		0	0	0	768	768		
Roof membrane	64	sf				20		0	0	0	1280	1,280		
Ventilation louvers	307	sf				45		0	0	0	13815	13,815		
Patch roof	16	hrs	85					1360	0	0	0	1,360		
Exhaust fans	2	ea				3500		0	0	0	7000	7,000		
Paint, finish, rework existing finishes	48	lf				200		0	0	0	9600	9,600		
Electrical service to exhaust fans	24	hrs	95	750				2280	750	0	0	3,030		
								0	0	0	0	0		
								0	0	0	0	0		
								0	0	0	0	0		
								0	0	0	0	0		
								0	0	0	0	0		
								0	0	0	0	0		
								0	0	0	0	0		
<b>Subtotal of Work</b>								0	10440	2750	0	147439	160,629	
<b>Contractor Labor Burden @ 77%</b>													included above	
<b>Material Tax @ 8.75 %</b>										241			241	
<b>Tax on Equipment Rental @ 8.75%</b>											0		0	
<b>Sub Bond</b>								0					0	
<b>Escalation</b>													0	
<b>Design Contingency</b>													0	
<b>Construction Contingency (7.50%)</b>													12065	
<b>Subcontractor Mark up</b>									1566	412.5	0	22116	24094	
<b>Construction Phase Services 15%</b>													30277	
<b>Subtotal of Estimate</b>													<b>\$232,125</b>	Per classroom

LOCATION: San Diego High School



**ESTIMATE WORKSHEET for Skylight Between Classrooms**

Description	Quantity	Unit	UNIT COST				Lump Sum Subcontract	SUBTOTALS				Total	Comments
			Labor	Material	Equip.	Other		Labor	Material	Equip.	Other		
Roof structure modifications	2100	sf	0			18		0	0	0	37800	37,800	
Shoring	120	lf				83	0	0	0	0	9960	9,960	
Frame walls	1520	sf				9.8	0	0	0	0	14896	14,896	
Interior windows	360	sf				58	0	0	0	0	20880	20,880	
Frame existing walls/cut openings	360	sf				48		0	0	0	17280	17,280	
Roof top enclosure skin	1520	sf				38		0	0	0	57760	57,760	
Light shelf framing	120	lf				75		0	0	0	9000	9,000	
Drywall	6520	sf				4.35		0	0	0	28362	28,362	
Patch walls	24	hrs	85					2040	0	0	0	2,040	
Paint walls	4180	sf				1.1		0	0	0	4598	4,598	
Skylight	2100	sf					388500	0	0	0	0	388,500	
Reroof	190	lf				28.63		0	0	0	5440	5,440	
Rework finishes, tie into new	190	lf				110		0	0	0	20900	20,900	
								0	0	0	0	0	
								0	0	0	0	0	
								0	0	0	0	0	
								0	0	0	0	0	
<b>Subtotal of Work</b>							388500	2040	0	0	226876	617,416	
<b>Contractor Labor Burden @ 77%</b>													included above
<b>Material Tax @ 8.75 %</b>									0			0	
<b>Tax on Equipment Rental @ 8.75%</b>										0		0	
<b>Sub Bond</b>							0					0	
<b>Escalation</b>												0	
<b>Design Contingency</b>												0	
<b>Construction Contingency (3.00%)</b>												18522	
<b>Subcontractor Mark up</b>								306	0	0	34031	34337	
<b>Construction Phase Services 15%</b>												103320	
<b>Subtotal of Estimate</b>												<b>\$792,118</b>	

Notes:

- Does not include cutting an opening in the 2nd Floor to allow light to pass to 1st
- Per classrooms: \$396,059

