



HENSEL PHELPS
Plan. Build. Manage.

Sunnyvale Concrete
Totals

City Hall Totals		\$	3,299,635.16
EOC Totals		\$	742,097.77
General Conditions Totals		\$	460,566.10
Subtotal:		\$	4,502,299.03
Sales Tax	9%	\$	405,206.91
HP Mark-up	10%	\$	490,750.59
Estimate Total:		\$	5,398,256.53



City Hall Concrete

School Name:

Owner:

				Labor				Material		Equipment		
Description		Quantity	WH/Unit	Hours	WH Cost	Amount	Unit cost	Amount	Unit cost	Amount	Amount	
Formwork	Level P1											
	Column Forms	3,640 sf	0.224	815.4	66.00	53,814	4.00	14,560	0	-	\$68,374	
	Foundations											
	Typical Foundations (F1-F3)	4,680 sf	0.480	2246.4	66.00	148,262	4.00	18,720	0	-	\$166,982	
	Perimeter/Stair Walls	35,060 sf	0.106	3716.4	66.00	245,280	4.00	140,240	0	-	\$385,520	
	4" Rat Slab	2,253 lf	0.480	1081.4	66.00	71,375	4.00	9,012	0	-	\$80,387	
	24" Mat Slab	2,060 lf	0.480	988.8	66.00	65,261	4.00	8,240	0	-	\$73,501	
	42" Mat Slab	193 lf	0.480	92.6	66.00	6,114	4.00	772	0	-	\$6,886	
	SOG	- lf	0.000	0.0	0.00	-	0	-	0	-	\$0	
	Elevator Pit Walls/Foundation	600 sf	0.224	134.4	66.00	8,870	4.00	2,400	0	-	\$11,270	
	Level 1	Slab on Metal Deck	- sf	0.000	0.0	0.00	-	0.00	-	0	-	\$0
	Level 2	Slab on Metal Deck	- sf	0.000	0.0	0.00	-	0.00	-	0	-	\$0
	Level 3	Slab on Metal Deck	- sf	0.000	0.0	0.00	-	0.00	-	0	-	\$0
	Level 4	Slab on Metal Deck	- sf	0.000	0.0	0.00	-	0.00	-	0	-	\$0
	Roof	Slab on Metal Deck	- sf	0.000	0.0	0.00	-	0.00	-	0	-	\$0
		Formwork			9,075		\$545,163		\$179,384		\$0	\$724,547
		Formwork Subtotal										\$724,547
Concrete	Basement											
	Columns	76 cy	0.763	58.0	68.00	3,943	159.00	12,084	65.00	4,940	\$20,967	
	Foundations											
	Typical Foundations (F1-F3)	1,675 cy	0.564	944.7	68.00	64,240	171.00	286,425	65.00	108,875	\$459,540	
	Perimeter/Stair Walls	230 cy	1.006	231.4	68.00	15,734	159.00	36,570	65.00	14,950	\$67,254	
	4" Rat Slab	634 cy	0.564	357.6	68.00	24,315	171.00	108,414	65.00	41,210	\$173,939	
	24" Mat Slab	2,639 cy	0.564	1488.4	68.00	101,211	171.00	451,269	65.00	171,535	\$724,015	
	42" Mat Slab	1,000 cy	0.564	564.0	68.00	38,352	171.00	171,000	65.00	65,000	\$274,352	
	Elevator Pit Walls/Foundation	222 cy	1.006	223.3	68.00	15,187	159.00	35,298	65.00	14,430	\$64,915	
	Level 1	Slab on Metal Deck	733 cy	0.437	320.3	68.00	21,782	221.00	161,993	65.00	47,645	\$231,420
	Level 2	Slab on Metal Deck	526 cy	0.437	229.9	68.00	15,631	221.00	116,246	65.00	34,190	\$166,067
	Level 3	Slab on Metal Deck	526 cy	0.437	229.9	68.00	15,631	221.00	116,246	65.00	34,190	\$166,067
	Level 4	Slab on Metal Deck	526 cy	0.437	229.9	68.00	15,631	221.00	116,246	65.00	34,190	\$166,067
	Roof	Slab on Metal Deck	246 cy	0.437	107.5	68.00	7,310	221.00	54,366	65.00	15,990	\$77,666
	Roof Pent.	Slab on Metal Deck	12 cy	0.437	5.2	68.00	357	221.00	2,652	65.00	780	\$3,789
		Total Place & Finish Concrete			4,990		\$335,379		\$1,656,725		\$582,985	\$2,575,089
		Place & Finish Concrete Subtotal										\$2,575,089
City Hall Subtotal											\$3,299,635	



School Name:	
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[illegible]

School Name:

Owner:

[illegible]

Title	Hourly Rate	
General Foreman - Carpenter	\$	102.00
General Foreman - Finisher	\$	102.00
General Foreman - Laborer	\$	102.00
Carpenter	\$	66.00
Finisher/Labor	\$	68.00
Manhoist Operator	\$	75.00
Equipment Operator	\$	73.00
Pump Operator	\$	165.00
Pump Oiler	\$	155.00

Activity	Production Rate (Units/WH Hour)	
Form SOG		0.120
Form Pad		0.500
Form Curb		0.500
Form Foundation		0.480
Form Wall		0.106
Form Column		0.224
Form SOD		0.202
Form SOMD		0.303
Form Mat Slab		0.480
Place SOG		0.477
Place Pad		0.477
Place Curb		0.477
Place Foundation		0.564
Place Wall		1.006
Place Column		0.763
Place SOD		0.451
Place SOMD		0.437
Place Mat Slab		0.564
General Foreman (Supervision)	173 hours/month	

Item:	Unit	Cost/Unit
Concrete		
Foundations	cy	\$ 171.00
Grade Beams	cy	\$ 171.00
Columns	cy	\$ 159.00
Walls	cy	\$ 159.00
SOG	cy	\$ 154.00
SOMD	cy	\$ 221.00
SOD	cy	\$ 211.00
Curbs & Pads	cy	\$ 154.00
Other Concrete	cy	\$ 143.00
Lumber		
4x8 MDO Plywood	sf	\$ 2.00
2x4	sf	\$ 2.00
4x8 Plywood	sf	\$ 1.00
Concrete Pump		
28 Z Meter	cy	\$ 15.00
32 Meter	cy	\$ 20.00
36 Meter	cy	\$ 30.00
38 XZ Meter	cy	\$ 35.00
39 Z Meter	cy	\$ 40.00
42 Meter	cy	\$ 45.00
47 Meter	cy	\$ 50.00
56 Z OSS Meter	cy	\$ 55.00
58 Meter	cy	\$ 60.00
61 S Meter	cy	\$ 65.00
Misc		
Safety Awards	mo	\$ 800.00
Safety Supplies	mo	\$ 1,000.00