


Costs per square foot of floor area

Exterior Wall	S.F. Area	25000	40000	55000	70000	85000	100000	115000	130000	145000
	L.F. Perimeter	388	520	566	666	766	866	878	962	1045
Face Brick with Structural Facing Tile	Steel Frame	165.80	155.20	147.85	144.90	142.95	141.70	139.40	138.60	138.00
	R/Conc. Frame	172.95	162.40	155.00	152.10	150.10	148.85	146.60	145.75	145.15
Face Brick with Concrete Block Backup	Steel Frame	160.35	150.70	144.25	141.60	139.80	138.65	136.75	136.05	135.45
	R/Conc. Frame	167.55	157.85	151.40	148.75	146.95	145.80	143.90	143.20	142.60
Precast Concrete Panels	Steel Frame	159.65	150.05	143.75	141.15	139.35	138.25	136.40	135.70	135.15
	R/Conc. Frame	166.85	157.25	150.90	148.30	146.55	145.40	143.55	142.85	142.30
Perimeter Adj., Add or Deduct	Per 100 L.F.	6.60	4.15	3.00	2.40	1.95	1.60	1.45	1.25	1.05
Story Hgt. Adj., Add or Deduct	Per 1 Ft.	1.90	1.60	1.30	1.15	1.10	1.00	.95	.85	.85
<i>For Basement, add \$22.30 per square foot of basement area</i>										

The above costs were calculated using the basic specifications shown on the facing page. These costs should be adjusted where necessary for design alternatives and owner's requirements. Reported completed project costs, for this type of structure, range from \$109.25 to \$275.95 per S.F.

Common additives

Description	Unit	\$ Cost	Description	Unit	\$ Cost
Cabinet, Base, door units, metal	L.F.	194	Nurses Call Station		
Drawer units	L.F.	370	Single bedside call station	Each	248
Tall storage cabinets, 7' high, open	L.F.	365	Ceiling speaker station	Each	113
With doors	L.F.	450	Emergency call station	Each	152
Wall, metal 12-1/2" deep, open	L.F.	144	Pillow speaker	Each	233
With doors	L.F.	256	Double bedside call station	Each	405
Closed Circuit TV (patient monitoring)			Duty station	Each	253
One station camera & monitor	Each	1400	Standard call button	Each	121
For additional camera, add	Each	760	Master control station for 20 stations	Each	4800
For automatic iris for low light, add	Each	1950	Sound System		
Doctors In/Out Register, 200 names	Each	13,700	Amplifier, 250 watts	Each	1800
Comb. control & recall, 200 names	Each	17,100	Speaker, ceiling or wall	Each	150
Recording register	Each	6475	Trumpet	Each	281
Transformers	Each	299	Station, Dietary with ice	Each	14,500
Pocket pages	Each	965	Sterilizers		
Hubbard Tank, with accessories			Single door, steam	Each	143,500
Stainless steel, 125 GPM 45 psi	Each	23,800	Double door, steam	Each	184,500
For electric hoist, add	Each	2600	Portable, counter-top, steam	Each	3450-5375
Montary Refrigerator, End operated			Gas	Each	35,500
2 capacity	Each	12,200	Automatic washer/sterilizer	Each	48,900
6 capacity	Each	22,500			

Model costs calculated for a 3 story building with 12' story height and 55,000 square feet of floor area

Hospital, 2-3 Story

		Unit	Unit Cost	Cost Per S.F.	% Of Sub-Total		
A. SUBSTRUCTURE							
1010	Standard Foundations	Poured concrete, strip and spread footings	S.F. Ground	3.87	1.29	3.0%	
1030	Slab on Grade	4" reinforced concrete with vapor barrier and granular base	S.F. Slab	3.57	1.19		
2010	Basement Excavation	Site preparation for slab and trench for foundation wall and footing	S.F. Ground	.12	.04		
2020	Basement Walls	4' foundation wall	L.F. Wall	88	.92		
B. SHELL							
B10 Superstructure							
1010	Floor Construction	Cast-in-place concrete beam and slab	S.F. Floor	16.19	10.79	13.4%	
1020	Roof Construction	Cast-in-place concrete beam and slab	S.F. Roof	13.26	4.42		
B20 Exterior Enclosure							
2010	Exterior Walls	Face brick and structural facing tile	S.F. Wall	30	9.59	9.7%	
2020	Exterior Windows	Aluminum sliding	Each	516	1.25		
2030	Exterior Doors	Double aluminum and glass and sliding doors	Each	1929	.21		
B30 Roofing							
3010	Roof Coverings	Build-up tar and gravel with flashing; perlite/EPS composite insulation	S.F. Roof	3.93	1.31	1.2%	
3020	Roof Openings	Roof hatches	S.F. Roof	.03	.01		
C. INTERIORS							
1010	Partitions	Concrete block, gypsum board on metal studs	9 S.F. Floor/L.F. Partition	S.F. Partition	4.68	5.20	26.3%
1020	Interior Doors	Single leaf hollow metal	90 S.F. Floor/Door	Each	541	6.01	
1030	Fittings	Hospital curtains	S.F. Floor	.71	.71		
2010	Stair Construction	Concrete filled metal pan	Flight	4425	1.05		
3010	Wall Finishes	40% vinyl wall covering, 35% ceramic tile, 25% epoxy coating	S.F. Surface	5.53	6.17		
3020	Floor Finishes	60% vinyl tile, 20% ceramic, 20% terrazzo	S.F. Floor	7.07	7.07		
3030	Ceiling Finishes	Plaster on suspended metal loth	S.F. Ceiling	3.74	3.74		
D. SERVICES							
D10 Conveying							
1010	Elevators & Lifts	Two hydraulic hospital elevators	Each	76,450	2.78	2.4%	
1020	Escalators & Moving Walks	N/A	-	-	-		
D20 Plumbing							
2010	Plumbing Fixtures	Kitchen, toilet and service fixtures, supply and drainage	1 Fixture/265 S.F. Floor	Each	3463	13.07	15.4%
2020	Domestic Water Distribution	Electric water heater	S.F. Floor	4.14	4.14		
2040	Rain Water Drainage	Roof drains	S.F. Roof	.81	.27		
D30 HVAC							
3010	Energy Supply	Oil fired hot water, wall fin radiation	S.F. Floor	3.12	3.12	11.0%	
3020	Heat Generating Systems	N/A	-	-	-		
3030	Cooling Generating Systems	Chilled water, fan coil units	S.F. Floor	9.34	9.34		
3050	Terminal & Package Units	N/A	-	-	-		
3090	Other HVAC Sys. & Equipment	N/A	-	-	-		
D40 Fire Protection							
4010	Sprinklers	Wet pipe sprinkler system	S.F. Floor	1.62	1.62	1.4%	
4020	Standpipes	N/A	-	-	-		
D50 Electrical							
5010	Electrical Service/Distribution	1200 ampere service, panel board and feeders	S.F. Floor	1.12	1.12	11.0%	
5020	Lighting & Branch Wiring	Fluorescent fixtures, receptacles, switches, A.C. and misc. power	S.F. Floor	8.68	8.68		
5030	Communications & Security	Alarm systems, communications systems, emergency lighting, emergency generator	S.F. Floor	1.73	1.73		
5090	Other Electrical Systems	Emergency generator, 125 kW	S.F. Floor	.93	.93		
E. EQUIPMENT & FURNISHINGS							
1010	Commercial Equipment	N/A	-	-	-	4.8%	
1020	Institutional Equipment	Conductive flooring, oxygen piping, curtain partitions	S.F. Floor	.69	.69		
1030	Vehicular Equipment	N/A	-	-	-		
2020	Other Equipment	Patient wall systems	S.F. Floor	4.77	4.77		
F. SPECIAL CONSTRUCTION							
1020	Integrated Construction	Conductive flooring	S.F. Floor	.55	.55	0.5%	
1040	Special Facilities	N/A	-	-	-		
G. BUILDING SITEWORK N/A							
Sub-Total				113.78	100%		
CONTRACTOR FEES (General Requirements: 10%, Overhead: 5%, Profit: 10%)				25%	28.42		
ARCHITECT FEES				9%	12.80		
Total Building Cost				155.00			