

Square Foot Cost Estimate Report

Date: **7/17/2018**

Estimate Name	Sample Estimate
	John Doe 123 Main Street Your City Your State 12345
Building Type	Office 1 Story with E.I.F.S. / Rigid Steel
Location	ALBANY, NY
Stories Count (L.F.)	1.00
Stories Height	12.00
Floor Area (S.F.)	7,000.00
LaborType	STD
Basement Included	No
Data Release	Year 2018 Quarter 1
Cost Per Square Foot	\$171.89
Total Building Cost	\$1,203,251.88



Costs are derived from a building model with basic components. Scope differences and market conditions can cause costs to vary significantly.

	% of Total	Cost Per SF	Cost
A Substructure	10.4%	\$14.84	\$103,866.30
A1010 Standard Foundations		\$8.57	\$59,981.41
Foundation wall, CIP, 4' wall height, direct chute, .148 CY/LF, 7.2 PLF, 12" thick		\$4.80	\$33,609.60
Strip footing, concrete, reinforced, load 11.1 KLF, soil bearing capacity 6 KSF, 12" deep x 24" wide		\$2.23	\$15,606.68
Spread footings, 3000 PSI concrete, load 100K, soil bearing capacity 6 KSF, 4' - 6" square x 15" deep		\$1.54	\$10,765.13
A1030 Slab on Grade		\$5.90	\$41,323.10
Slab on grade, 4" thick, non industrial, reinforced		\$5.90	\$41,323.10

		% of Total	Cost Per SF	Cost
A2010	Basement Excavation		\$0.37	\$2,561.79
	Excavate and fill, 10,000 SF, 4' deep, sand, gravel, or common earth, on site storage		\$0.37	\$2,561.79
B Shell		29.1%	\$41.73	\$292,142.09
B1010	Floor Construction		\$3.15	\$22,056.88
	Fireproofing, gypsum board, fire rated, 2 layer, 1" thick, 14" steel column, 3 hour rating, 22 PLF		\$3.15	\$22,056.88
B1020	Roof Construction		\$11.39	\$79,736.02
	Roof, steel joists, beams, 1.5" 22 ga metal deck, on columns, 25'x25' bay, 20" deep, 40 PSF superimposed load, 60 PSF total load		\$9.50	\$66,501.12
	Roof, steel joists, beams, 1.5" 22 ga metal deck, on columns, 25'x25' bay, 20" deep, 40 PSF superimposed load, 60 PSF total load, add for column		\$1.89	\$13,234.90
B2010	Exterior Walls		\$9.87	\$69,118.96
	E.I.F.S., cement board sheathing, 1x8 fascia, R8 insulation, 6" metal studs, 16" O.C., 2" EPS		\$9.87	\$69,118.96
B2020	Exterior Windows		\$3.85	\$26,943.84
	Windows, aluminum, awning, insulated glass, 4'-5" x 5'-3"		\$3.85	\$26,943.84
B2030	Exterior Doors		\$3.71	\$25,971.64
	Door, aluminum & glass, with transom, narrow stile, double door, hardware, 6'-0" x 10'-0" opening		\$1.96	\$13,738.90
	Door, aluminum & glass, with transom, bronze finish, hardware, 3'-0" x 10'-0" opening		\$1.02	\$7,130.20
	Door, steel 18 gauge, hollow metal, 1 door with frame, no label, 3'-0" x 7'-0" opening		\$0.73	\$5,102.54
B3010	Roof Coverings		\$8.98	\$62,840.94
	Roofing, single ply membrane, EPDM, 60 mils, loosely laid, stone ballast		\$1.79	\$12,552.96
	Insulation, rigid, roof deck, extruded polystyrene, 40 PSI compressive strength, 4" thick, R20		\$4.44	\$31,059.77
	Roof edges, aluminum, duranodic, .050" thick, 6" face		\$1.56	\$10,890.50
	Flashing, aluminum, no backing sides, .019"		\$0.32	\$2,215.95
	Gravel stop, aluminum, extruded, 8", duranodic, .050" thick		\$0.87	\$6,121.76
B3020	Roof Openings		\$0.78	\$5,473.81
	Roof hatch, with curb, 1" fiberglass insulation, 2'-6" x 3'-0", galvanized steel, 165 lbs		\$0.35	\$2,471.44
	Smoke hatch, unlabeled, galvanized, 2'-6" x 3', not incl hand winch operator		\$0.43	\$3,002.37

		% of Total	Cost Per SF	Cost
C Interiors		15.5%	\$22.23	\$155,579.62
C1010	Partitions		\$3.40	\$23,770.81
	Metal partition, 5/8"fire rated gypsum board face, no base,3 -5/8" @ 24" OC framing, same opposite face, no insulation		\$1.63	\$11,426.83
	Metal partition, 5/8"fire rated gypsum board face, no base,3 -5/8" @ 24" OC framing, same opposite face, sound attenuation insulation		\$0.90	\$6,316.13
	Gypsum board, 1 face only, exterior sheathing, fire resistant, 5/8"		\$0.51	\$3,578.20
	Add for the following: taping and finishing		\$0.35	\$2,449.65
C1020	Interior Doors		\$5.86	\$41,047.86
	Door, single leaf, kd steel frame, hollow metal, commercial quality, flush, 3'-0" x 7'-0" x 1-3/8"		\$5.86	\$41,047.86
C1030	Fittings		\$0.38	\$2,686.64
	Toilet partitions, cubicles, ceiling hung, plastic laminate		\$0.38	\$2,686.64
C3010	Wall Finishes		\$1.38	\$9,628.09
	Painting, interior on plaster and drywall, walls & ceilings, roller work, primer & 2 coats		\$0.92	\$6,445.74
	Painting, interior on plaster and drywall, walls & ceilings, roller work, primer & 2 coats		\$0.45	\$3,182.35
C3020	Floor Finishes		\$5.07	\$35,514.87
	Carpet tile, nylon, fusion bonded, 18" x 18" or 24" x 24", 35 oz		\$2.98	\$20,852.50
	Vinyl, composition tile, maximum		\$0.90	\$6,310.14
	Tile, ceramic natural clay		\$1.19	\$8,352.23
C3030	Ceiling Finishes		\$6.13	\$42,931.35
	Acoustic ceilings, 3/4" fiberglass board, 24" x 48" tile, tee grid, suspended support		\$6.13	\$42,931.35
D Services		44.5%	\$63.76	\$446,286.39
D2010	Plumbing Fixtures		\$3.36	\$23,506.81
	Water closet, vitreous china, bowl only with flush valve, wall hung		\$1.54	\$10,803.00
	Urinal, vitreous china, wall hung		\$0.23	\$1,605.36
	Lavatory w/trim, vanity top, PE on CI, 20" x 18"		\$0.64	\$4,513.89
	Service sink w/trim, PE on CI,wall hung w/rim guard, 24" x 20"		\$0.59	\$4,124.93

		% of Total	Cost Per SF	Cost
	Water cooler, electric, floor mounted, dual height, 14.3 GPH		\$0.35	\$2,459.63
D2020	Domestic Water Distribution		\$1.79	\$12,497.73
	Gas fired water heater, commercial, 100< F rise, 100 MBH input, 91 GPH		\$1.79	\$12,497.73
D2040	Rain Water Drainage		\$0.95	\$6,654.99
	Roof drain, DWV PVC, 4" diam, diam, 10' high		\$0.91	\$6,346.42
	Roof drain, DWV PVC, 4" diam, for each additional foot add		\$0.04	\$308.57
D3050	Terminal & Package Units		\$24.38	\$170,692.20
	Rooftop, multizone, air conditioner, offices, 10,000 SF, 31.66 ton		\$24.38	\$170,692.20
D4010	Sprinklers		\$4.10	\$28,681.87
	Wet pipe sprinkler systems, steel, light hazard, 1 floor, 10,000 SF		\$4.10	\$28,681.87
D4020	Standpipes		\$1.74	\$12,213.21
	Wet standpipe risers, class III, steel, black, sch 40, 4" diam pipe, 1 floor		\$1.74	\$12,213.21
D5010	Electrical Service/Distribution		\$5.21	\$36,462.81
	Overhead service installation, includes breakers, metering, 20' conduit & wire, 3 phase, 4 wire, 120/208 V, 400 A		\$1.12	\$7,841.66
	Feeder installation 600 V, including RGS conduit and XHHW wire, 400 A		\$1.44	\$10,072.00
	Switchgear installation, incl switchboard, panels & circuit breaker, 120/208 V, 3 phase, 600 A		\$2.65	\$18,549.15
D5020	Lighting and Branch Wiring		\$14.20	\$99,370.37
	Receptacles incl plate, box, conduit, wire, 16.5 per 1000 SF, 2.0 W per SF, with transformer		\$5.42	\$37,962.54
	Miscellaneous power, 1.2 watts		\$0.38	\$2,666.58
	Central air conditioning power, 4 watts		\$0.68	\$4,775.33
	Motor installation, three phase, 460 V, 15 HP motor size		\$0.80	\$5,606.19
	Fluorescent fixtures recess mounted in ceiling, 1.6 watt per SF, 40 FC, 10 fixtures @32watt per 1000 SF		\$6.91	\$48,359.73
D5030	Communications and Security		\$8.03	\$56,206.40
	Telephone wiring for offices & laboratories, 8 jacks/MSF		\$1.88	\$13,132.88
	Communication and alarm systems, fire detection, addressable, 25 detectors, includes outlets, boxes, conduit and wire		\$3.25	\$22,755.30

		% of Total	Cost Per SF	Cost
	Fire alarm command center, addressable without voice, excl. wire & conduit		\$0.91	\$6,363.38
	Internet wiring, 8 data/voice outlets per 1000 S.F.		\$1.99	\$13,954.84
E Equipment & Furnishi		0.5%	\$0.69	\$4,835.50
E1090	Other Equipment		\$0.69	\$4,835.50
	2.00-Directory boards, plastic, glass covered, 30" x 20"		\$0.19	\$1,303.04
	1.00-Closed circuit television system (CCTV), surveillance, one station (camera & monitor)		\$0.21	\$1,501.55
	3.00-Closed circuit television system (CCTV), surveillance, for additional camera stations, add		\$0.29	\$2,030.91
F Special Construction		0.0%	\$0.00	\$0.00
G Building Sitework		0.0%	\$0.00	\$0.00
Sub Total		100%	\$143.24	\$1,002,709.90
Contractor's Overhead & Profit		20.0 %	\$28.65	\$200,541.98
Architectural Fees		0.0 %	\$0.00	\$0.00
User Fees		0.0 %	\$0.00	\$0.00
Total Building Cost			\$171.89	\$1,203,251.88