

# SUMMARY ESTIMATE FOR NANOENGINEERING BUILDING

3/15/2015

Line Item	Description	Estimated Cost
1	Jobsite General Conditions	\$5,450,000
2	Demolition	\$850,000
3	Concrete:	\$8,055,000
4	Masonry:	
4.1	CMU	\$450,100
4.2	Stone Veneer	\$1,075,000
5	Structural & Miscellaneous Metals	\$803,030
6	Wood & Plastic:	
6.1	Rough Carpentry	\$457,500
6.2	Finish Carpentry	\$480,000
7	Thermal & Moisture Protection:	
7.1	Insulation	\$835,000
7.2	Roof & Accessories	\$1,095,000
7.3	Waterproofing	\$575,000
7.2	Sheetmetal Siding and Flashing	\$575,980
8	Doors, Windows, Glass:	
8.1	Door Frames and Leafs	\$752,000
8.2	Windows & Storefront	\$1,522,000
8.3	Door Hardware	\$399,000
9	Finishes:	
9.1	Drywall	\$1,778,800
9.2	Painting	\$590,000
9.3	Acoustical Ceilings	\$722,000
9.4	Floor Covering: Carpet	\$954,000
9.5	Floor Covering: Ceramic, Vinyl, Base	\$750,550
10	Specialties	\$388,290
11-13	Equipment, Furnishings, Special Construction	\$2,740,350
14	Conveying Systems (Elevator)	\$842,000
21-23	Mechanical Systems:	
21	Fire Protection	\$772,000
22	Plumbing	\$2,750,000
23.1	HVAC	\$10,500,923
23.2	Controls	\$1,300,000
26	Line Voltage Electrical Systems	\$5,000,000
27	Low-Voltage Electrical:	
27.1	Communications	\$720,000
27.2	Safety and Security	\$428,000
31	Earthwork:	
31.1	Excavation and Backfill	\$1,999,000
31.2	Shoring	\$845,664
32	Exterior Improvements:	
32.1	Paving	\$255,050
32.2	Walks & Miscellaneous Sitework	\$500,000
32.3	Landscaping	\$255,000
33	Site Utilities:	\$295,000
	Subtotal Direct and Indirect Costs:	\$57,761,237
	Estimating & Escalation Contingency @ 1%:	\$577,612
	Liability Insurance @ .75%:	\$437,541
	State Excise Tax @ 0.8%:	\$470,211
	CM Fee @ 3%:	\$1,777,398
	<b>Total Contract, Excluding State Sales Tax:</b>	<b>\$61,024,000</b>

Figure 3.15L