

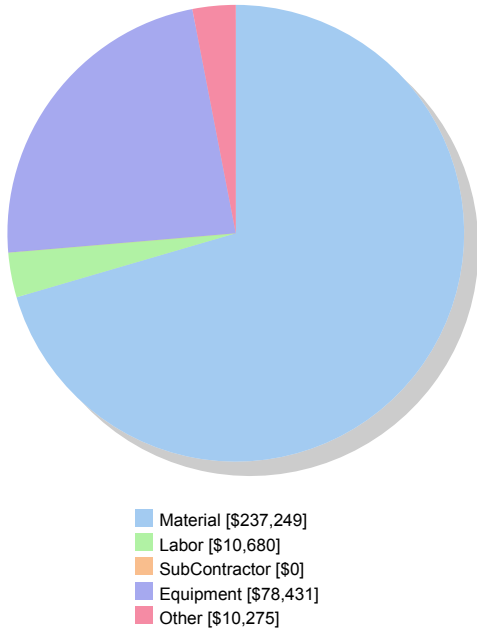
**Estimate: 245 4120 Alex Sanchez Hall York
Chiller replacement**

Estimate Cost Types

Description	Quantity	Material	Labor	Sub	Equip	Other	Total Cost
01 GENERAL							
Mobilization, equip, crane, crawler type, average	2.00 EA	0.00	0.00	0.00	0.00	10,274.96	10,274.96
Mobilization, equip, hauled on 3 ton trailer	8.00 EA	0.00	2,483.44	0.00	0.00	0.00	2,483.44
Crane, truck mounted, 15 ton, rent, by week	1.00 EA	0.00	0.00	0.00	2,431.05	0.00	2,431.05
Totals		0.00	2,483.44	0.00	2,431.05	10,274.96	\$15,189.45
02 SITE CONSTRUCTION							
Remove wall, conc, medium reinf, 8" thick	300.00 SF	0.00	2,447.39	0.00	13,330.00	0.00	15,777.39
Door removal, metal, double, 3'x7'	1.00 EA	0.00	98.72	0.00	0.00	0.00	98.72
Rubbish handling, load in dumpster or truck, max	300.00 CF	0.00	493.60	0.00	0.00	0.00	493.60
Totals		0.00	3,039.71	0.00	13,330.00	0.00	\$16,369.71
04 MASONRY							
Horizontal joint reinf, truss type, 8" wide, 10" wall	150.38 LF	34.59	39.08	0.00	0.00	0.00	73.67
Control joint, rubber, for 8" wall	200.00 LF	746.00	333.67	0.00	0.00	0.00	1,079.67
CMU, lightweight block, solid, load bearing, 8"	200.00 SF	678.00	1,001.75	0.00	0.00	0.00	1,679.75
Bond beam, no grout or reinf, 8"x 16", 8" thick	20.00 LF	59.00	99.95	0.00	0.00	0.00	158.95
Precast masonry lintel, 10 lf, 8" high, 8" thick	6.00 LF	73.44	39.83	0.00	0.00	0.00	113.27
Totals		1,591.03	1,514.28	0.00	0.00	0.00	\$3,105.31
08 DOORS AND WINDOWS							
Door, metal, h-duty, hm, 18 ga, 2", unrated, 3-4 x 7-0	2.00 EA	1,118.04	157.50	0.00	0.00	0.00	1,275.54
Door frames, metal, 16 ga, 4-3/4"x 1-3/4", 3-0 x 7-0	1.00 EA	159.54	696.00	0.00	0.00	0.00	855.54
Totals		1,277.58	853.50	0.00	0.00	0.00	\$2,131.08
09 FINISHES							
Stucco, portland, 3 coats, 1" thick, trowel finish	20.00 SY	1,006.20	1,174.40	0.00	0.00	0.00	2,180.60
Drywall, 1/2" thick, nailed, walls	400.00 SF	140.00	229.16	0.00	0.00	0.00	369.16
Drywall, taping & finishing joints, average	400.00 SF	228.00	210.26	0.00	0.00	0.00	438.26
Painting prep, dropcloths, maximum	500.00 SF	250.00	28.93	0.00	0.00	0.00	278.93
Ext painting, siding, stucco, roller, first coat, max	400.00 SF	200.00	131.50	0.00	0.00	0.00	331.50
Ext painting, siding, stucco, roller, second coat, max	400.00 SF	200.00	105.20	0.00	0.00	0.00	305.20
Ext painting, siding, stucco, spray, first coat, max	800.00 SF	400.00	175.55	0.00	0.00	0.00	575.55
Totals		2,424.20	2,055.00	0.00	0.00	0.00	\$4,479.20
23 HVAC							
Chiller, centrifugal, 1 bndl cond, starter, 360 ton, demo	1.00 EA	0.00	183.60	0.00	20,000.00	0.00	20,183.60

Description	Quantity	Material	Labor	Sub	Equip	Other	Total Cost
Chiller,centrifugal,1 bndl cond,starter,460 ton	1.00 EA	178,320.00	183.60	0.00	26,670.00	0.00	205,173.60
Cooling tower,propeller type,400 ton, demo	1.00 EA	0.00	183.60	0.00	8,000.00	0.00	8,183.60
Cooling tower,centrifugal,400 ton	1.00 EA	53,636.00	183.60	0.00	8,000.00	0.00	61,819.60
Totals		231,956.00	734.40	0.00	62,670.00	0.00	\$295,360.40
Sub-Total (Base Cost)		237,248.81	10,680.33	0.00	78,431.05	10,274.96	\$336,635.15

Estimate Summary



Description		Total
Sub-Total (Base Cost)		\$336,635.15
Sub-Total (Direct Cost)		\$336,635.15
Overhead	10.00%	33,663.52
Profit	15.00%	55,544.80
Contingency	10.00%	42,584.35
E Factor	5.00%	23,421.39
Sub-Total (Indirect Cost)		\$491,849.20
Architect/Engineer	10.00%	49,184.92
Shop Support		2,500.00
Administration Costs	11.00%	59,788.75
NMGRT	6.75%	40,724.29
Total Estimate		\$644,047.17