Nextron Estimating LLC | Sample Mechanical Estimate

SAMPLE FOR ILLUSTRATION ONLY. Project, quantities and prices are examples, not a quote or a real project.

Project : Three-story school addition, 36,000 SF (example)

Format : Trade estimate, labor and material priced separately

Item #	Description	Quantity	Unit	Unit Cost Labor	Unit Cost Material	Total Cost Labor	Total Cost Material	Total Cost (Labor + Material)	Section Cost
	Central Plant								
1	Air-cooled chiller, 120 ton	1.0	EA	$9,800.00	$128,000.00	$9,800.00	$128,000.00	$137,800.00	
2	Condensing boiler, 1,500 MBH	2.0	EA	$4,200.00	$38,500.00	$8,400.00	$77,000.00	$85,400.00	
3	Base-mounted pump with VFD	4.0	EA	$1,600.00	$9,200.00	$6,400.00	$36,800.00	$43,200.00	
4	Expansion tank and air separator	1.0	LS	$1,400.00	$6,200.00	$1,400.00	$6,200.00	$7,600.00	
	Subtotal (Central Plant)								**$274,000.00**
	Hydronic Piping								
5	4" steel pipe, grooved, chilled water	640.0	LF	$34.00	$29.00	$21,760.00	$18,560.00	$40,320.00	
6	2" copper type L, heating water	980.0	LF	$22.00	$19.00	$21,560.00	$18,620.00	$40,180.00	
7	Butterfly valve 4"	18.0	EA	$180.00	$420.00	$3,240.00	$7,560.00	$10,800.00	
8	Pipe insulation, 1-1/2"	1,620.0	LF	$6.50	$5.80	$10,530.00	$9,396.00	$19,926.00	
	Subtotal (Hydronic Piping)								**$111,226.00**
	Air Side								
9	Air handling unit, 12,000 CFM	2.0	EA	$6,200.00	$54,000.00	$12,400.00	$108,000.00	$120,400.00	
10	VAV box with reheat coil	38.0	EA	$420.00	$1,650.00	$15,960.00	$62,700.00	$78,660.00	
11	Galvanized ductwork	14,200.0	LBS	$4.70	$2.50	$66,740.00	$35,500.00	$102,240.00	
	Subtotal (Air Side)								**$301,300.00**
	Plumbing								
12	Water closet, wall hung with carrier	24.0	EA	$360.00	$920.00	$8,640.00	$22,080.00	$30,720.00	
13	Lavatory with sensor faucet	22.0	EA	$290.00	$780.00	$6,380.00	$17,160.00	$23,540.00	
14	Domestic water piping, copper	1,450.0	LF	$18.00	$14.00	$26,100.00	$20,300.00	$46,400.00	
	Subtotal (Plumbing)								**$100,660.00**
	Subtotal								**$787,186.00**
	Overhead and Profit							15%	**$118,077.90**
	Insurance							5%	**$39,359.30**
	Contingency							5%	**$39,359.30**
	Total Suggested Bid								**$983,982.50**

Clarifications (example): prices exclude permits, bonds and sales tax unless shown.
Quantities are measured from drawings and listed with units. Unit costs are example rates for illustration.
A real Nextron estimate is priced for your project location using RSMeans data, local supplier pricing and our cost database.