THE FACILITY FILES

By Amanda Parolise

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Building Program Annual Operating Budget For A Corporate Central Plant Expansion Project

For a building program to be successful and sustainable, it is imperative that the program include an operating budget as well as a construction budget. Fifteen to 20% of the cost of a building is first cost and the remaining 80% or more of the cost to own a building is in the O&M over the building's lifetime. The following is a sample of what the HVAC annual operating budget could look like at the conceptual phase of an infrastructure expansion project for a corporate central chiller plant expansion where 24-7-365 reliability is essential to continuous operation.

	The second				
ADMINISTRATIVE					
ALARIES, WAGES & BENEFITS					
Employee salaries & wages	(1) Manager	(1) Supervisor	(8) Technician		\$ 530,0
Taxes, health care, etc.					\$ 132,00
Retirement & benefits					\$ 30,00
OUTSOURCED O&M					
Project management					\$
Vendor salaries & wages					\$
Supplies					\$ 1,20
SERVICE CONTRACTS					
Refrigeration equipment	Annually				\$ 230,00
Heating equipment	None				\$
• Filters	None				\$
Emergency generator	By building owner service contractor				\$
CONSULTANTS					
• CAD	None				\$
• Energy	Quarterly				\$ 40,00
Information technology	None				\$
NFORMATION TECHNOLOGY					
Computerized maintenance manag	ement software (CMMS)	Complete in-house	e		\$
Handheld devices	(10) Cell phone =	monthy fee			\$ 16,80
EXPENSES					
• Education	(4) HVAC - HVAC	courses			\$ 1,00
Conferences	(1) IDEA Conference - October				\$ 1,20
Office supplies	\$250.00 per mont	h			\$ 3,00
JTILITIES					
Electricity					\$ 9,00
• Gas					\$
• Oil					\$
• Propane					\$
DOCUMENTATION					
Printing	Not applicable fo	r this project			\$
PROJECT					
Maintenance repair	By in-house plann	ing & construction staff			\$
In-house HVAC modifications	None				\$
Capital projects	None				\$
Energy initiatives	None				\$
			TOTAL	ANNUAL OPERATING COST	\$ 994,20
			TOTAL ANNU	IAL OPERATING COST/Sq Ft	Not applicabl