

ICF Mechanical Recommissioning

	Building (built 1985)	Equip.	Description	Serves	HP SAF/RAF or pump	CFM or gpm/head	% OA	clg tons	QTY	Rebuild SAF	Rebuild RAF	Replace Ex fans	Replace motor, coil as required	Replace Multizone dampers	Replace F&B damper	Replace Outside, Return air, Exhaust air dampers	Replace HW Pre heat coil and valve	Replace HW Htg. Coil and valve	Replace Reheat coil and valve	Replace Reheat valve	Replace zone valve	Replace Pump
22	support services (200 bldg)	Pump		Htg west wing	2	70/35			1												1	1
23	support services (200 bldg)	Pump	AHU-3	Maint	0.25	8/25			1													1
24	support services (200 bldg)	Pump		DHW 140 F recirc	0.25				1													1
25	support services (200 bldg)	Pump		DHW 110 F recirc	0.25				1													1
26	support services (200 bldg)	Ex.Fan	Roof	Misc	fract to 1/2	2000			7			7										
27	support services (200 bldg)	Ex.Fan	Roof	Toilet	fract	500			5			5										
28	support services (200 bldg)	Ex.Fan	Roof	Dining hall	5	20400			1			1										
29	support services (200 bldg)	MUAU	Gas htg	Kitchen		8000	100%		1	Replace existing unit												
30	support services (200 bldg)	AHU	AHU-3 SZ	Maint office	1	2000	10%		1	1						3		1				
31	support services (200 bldg)	UH	15 hw UH	maint					15				15									
32	support services (200 bldg)	AHU	3 units (AHU-10,11,12) NO htg	Kitchen			100%		3	3						3						
33	support services (200 bldg)	MUAU	3 units Gas htg	Maint			100%		3	3						3						
34	MSI	MUAU	(2)MUAU (gas)						2	2						2						
35	MSI	Ex.Fan	(6) Roof top exhaust fans						6			6										
36	School & aud Bldg 300	AHU	AHU-9,10 SZ, pre heat, ceiling hung	Gym	0.75	2000	100%		2	2					2	6	2	2				
37	School & aud Bldg 300	AHU	AHU-13 F&B	AUD	7.5/5	6000	10%	20	1	1	1				1	4		1				
38	School & aud Bldg 300	AHU	AHU-12 SZ	art	5	5400	40%		1	1						3		1				
39	School & aud Bldg 300	AHU	AHU-11 VAV	Office/chapel	7.5/3	6000	10%	18	1	1	1					3		1				

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40	School & aud Bldg 300	CUH	(16) CUH 11 w/OA	classrooms	fract				16				16											
41	School & aud Bldg 300	UH	(9) UH	Shop					9				9											
42	School & aud Bldg 300	Ex.Fan	(6)Direct Drive Roof mounted	Toilet, multipurpose	fract	1000			6			6												
43	School & aud Bldg 300	Pump		Primary	7.5	360/45			1													1		
44	School & aud Bldg 300	Pump		FTR	0.75	20/45			1													1		
45	School & aud Bldg 300	Pump		AHU-1 pre heat	0-Jan	45/22			1															
46	School & aud Bldg 300	Pump		AHU-9 pump	0.25	10.8/15			1													1		
47	School & aud Bldg 300	Pump		AHU-10 pump	0.25	10.8/15			1													1		
48	School & aud Bldg 300	Pump		AHU-11 pump	0.5	29/22			1													1		
49	School & aud Bldg 300	Pump		AHU-12 pump	0.5	33/55			1													1		
50	School & aud Bldg 300	Pump		AHU-13 pump	0.5	24/30			1													1		
51	Dorms 6&7	Pump		(4)zone pumps with valves	FRACT				4												4	4		
52	Dorms 6&7	AHU	(2) unit vents	common area					2				2											
53	Dorms 6&7	Boiler	(1) Boiler						1															
54	Dorms 6&7	Ex.Fan	(4) Roof Ex fan			1000			4			4												
									QTY	28	15	35	42	43	8	59	2	25	20	2	27	59		
									Total Estimated Cost		\$ 1,262,610													