



**CATALYST CAMPUS
HVAC**

Item #	Scope of Work	Qty +/-	Type	Amount	Notes
1	Mobilizations	1	LOT		It is assumed for this scope of work, multiple mobilizations will be required throughout the course of the project.
2	Disconnect Plumbing Equipment/Fixtures	1	LOT		Demolition contractor to remove and haul off.
3	S1 - (10"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (225 CFM)	20	EA		
4	S1 - (10"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (315 CFM)	2	EA		
5	S1 - (10"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (215 CFM)	2	EA		
6	S1 - (8"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (175 CFM)	2	EA		
7	S1 - (6"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (90 CFM)	1	EA		
8	S2 - (12"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - 880H (235 CFM)	2	EA		
9	S3 - (8"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (125 CFM)	2	EA		
10	S3 - (8"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (135 CFM)	2	EA		
11	R1 - 30"x6" NK FLOOR MTD RA GRILLE W/ OPPOSED BLADE DAMPER, BALANCE RETURN (490 CFM) - KRUEGER - 1800	5	EA		
12	R1 - 30"x6" NK FLOOR MTD RA GRILLE W/ OPPOSED BLADE DAMPER, BALANCE RETURN (430 CFM) - KRUEGER - 1800	1	EA		
13	R1 - 18"x6" NK FLOOR MTD RA GRILLE W/ OPPOSED BLADE DAMPER, BALANCE RETURN (315 CFM) - KRUEGER - 1800	2	EA		
14	R1 - 18"x6" NK FLOOR MTD RA GRILLE W/ OPPOSED BLADE DAMPER, BALANCE RETURN (225 CFM) - KRUEGER - 1800	2	EA		
15	R1 - 12"x6" NK FLOOR MTD RA GRILLE W/ OPPOSED BLADE DAMPER, BALANCE RETURN (250 CFM) - KRUEGER - 1800	2	EA		
16	R1 - 18"x6" NK FLOOR MTD RA GRILLE W/ OPPOSED BLADE DAMPER, BALANCE RETURN (350 CFM) - KRUEGER - 1800	1	EA		
17	R1 - 12"x6" NK FLOOR MTD RA GRILLE W/ OPPOSED BLADE DAMPER, BALANCE RETURN (90 CFM) - KRUEGER - 1800	1	EA		
18	R2 - (18"x36") NECK SIDEWALL RETURN AIR GRILLE W/ OPPOSED BLADE DAMPER (975 CFM)	2	EA		
19	TEMPERATURE SENSOR	18	EA		
20	CEF-1 - CEILING EXHAUST FAN - BROAN - L300MG (250 CFM)	2	EA		
21	HAND DAMPER	60	EA		
22	Remote balancing damper	4	EA		
23	S1 - (10"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (250 CFM)	7	EA		
24	S3 - (8"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (175 CFM)	1	EA		
25	S3 - (6"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (85 CFM)	1	EA		
26	S1 - (8"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (200 CFM)	4	EA		
27	S1 - (10"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (300 CFM)	3	EA		
28	R2 - (12"x12") NECK SIDEWALL RETURN AIR GRILLE W/ OPPOSED BLADE DAMPER. - KRUEGER - S85H	5	EA		
29	R2 - (16"x16") NECK SIDEWALL RETURN AIR GRILLE W/ OPPOSED BLADE DAMPER. - KRUEGER - S85H	4	EA		
30	R3 - (10"x22") NECK SIDEWALL RETURN AIR GRILLE W/ OPPOSED BLADE DAMPER. - KRUEGER - 6490	14	EA		

31	S3 - (10"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - RA2 (250 CFM)	4	EA		
32	S4 - (10"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - SH (250 CFM)	6	EA		
33	S4 - (8"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - SH (175 CFM)	4	EA		
34	S4 - (8"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - SH	4	EA		
35	S4 - (8"Dia NECK) - SUPPLY DIFFUSER - KRUEGER - SH (200 CFM)	2	EA		
36	R2 - (36"x24") NECK SIDEWALL RETURN AIR GRILLE W/ OPPOSED BLADE DAMPER. - KRUEGER - S85H	1	EA		
37	OUTSIDE AIR DAMPER	2	EA		
38	RTU-1 - ROOF TOP UNIT - YORK - ZF060 (125000 BTUH)	1	EA		
39	RTU-2 - ROOF TOP UNIT - YORK - ZF060 (125000 BTUH)	1	EA		
40	RTU-3 - ROOF TOP UNIT - YORK - ZF060 (125000 BTUH)	1	EA		
41	RTU-4 - ROOF TOP UNIT - YORK - ZF060 (125000 BTUH)	1	EA		
42	RTU-5 - ROOF TOP UNIT - YORK - ZF072 (125000 BTUH)	1	EA		
43	CEF-3 - CEILING EXHAUST FAN - BROAN - L100MG (70 CFM)	1	EA		
44	CEF-4 - CEILING EXHAUST FAN - BROAN - L300MG (250 CFM)	1	EA		
45	CEF-5 - CEILING EXHAUST FAN - BROAN - L300MG (250 CFM)	1	EA		
46	EAH-1 - EXHAUST AIR HOOD - COOK - PR (500 CFM)	1	EA		
47	FCU-1 - MULTI-ZONE HEAT PUMP - FUJITSU - ASU12RLF (370 CFM)	1	EA		
48	FCU-2 - MULTI-ZONE HEAT PUMP - FUJITSU - ASU12RLF (550 CFM)	1	EA		
49	FAN COIL UNIT CONTROLLER	2	EA		
50	THERMOSTAT	10	EA		
51	HP-1 - HEAT PUMP - FUJITSU - AOU36RLXFZH (35200 BTUH)	1	EA		
52	CU-1 - TWO STAGE AIR COOLED CONDENSING UNIT - YORK - YFK24B2	1	EA		
53	CU-2 - TWO STAGE AIR COOLED CONDENSING UNIT - YORK - YFK60B2	1	EA		
54	CU-3 - TWO STAGE AIR COOLED CONDENSING UNIT - YORK - YFK36B2	1	EA		
55	CU-4 - TWO STAGE AIR COOLED CONDENSING UNIT - YORK - YFK60B2	1	EA		
56	CU-5 - TWO STAGE AIR COOLED CONDENSING UNIT - YORK - YFK60B2	1	EA		
57	EXHUAUST CAP	3	EA		
58	VENT AIR TERMINATION KIT	5	EA		
59	CC-1 - DX COOLING COIL - YORK - XAHC30HXXN1 (2.5 TON COIL)	1	EA		
60	CC-2 - DX COOLING COIL - YORK - XAHC60HXXN1 (5 TON COIL)	1	EA		
61	CC-3 - DX COOLING COIL - YORK - XAHC36HXXN1 (3 TON COIL)	1	EA		
62	CC-4 - DX COOLING COIL - YORK - XAHC60HXXN1 (5 TON COIL)	1	EA		
63	CC-5 - DX COOLING COIL - YORK - XAHC60HXXN1 (5 TON COIL)	1	EA		
64	F1 - FURNACES - YORK - TM9V060B12 (3 TON CAP.)	1	EA		

65	F2 - FURNACES - YORK - TM9V100C20 (5 TON CAP.) (360 CFM)	1	EA		
66	F3 - FURNACES - YORK - TM9V060B12 (3 TON CAP.) (150 CFM)	1	EA		
67	F4 - FURNACES - YORK - TM9V100C20 (5 TON CAP.) (270 CFM)	1	EA		
68	F5 - FURNACES - YORK - TM9V100C20 (5 TON CAP.) (320 CFM)	1	EA		
69	REFRIGERANT PIPING	1	LS		
70	Galvanized sheet metal duct w/ Wrap equal to ownes corning fiberglass w/ FRK vapor barrier. Insulation shall be R-6 except on roof shall be R-8.				
71	(10"x12") METAL DUCT	64	SF		
72	(18"x14") METAL DUCT	534	SF		
73	(18"x16") METAL DUCT	187	SF		
74	(18"x4") METAL DUCT	13	SF		
75	(20"x14") METAL DUCT	226	SF		
76	(20"x16") METAL DUCT	123	SF		
77	ROUND DUCT				
78	(10"Dia) ROUND DUCT	1,528	SF		
79	(12"Dia) ROUND DUCT	873	SF		
80	(14"Dia) ROUND DUCT	661	SF		
81	(16"Dia) ROUND DUCT	696	SF		
82	(18"Dia) ROUND DUCT	448	SF		
83	(20"Dia) ROUND DUCT	100	SF		
84	(6"Dia) ROUND DUCT	103	SF		
85	(8"Dia) ROUND DUCT	601	SF		
86	Misc	1	LOT		
87	Other _____				
88	Other _____				
89	Other _____				
90	TOTAL:				

Notes

- Quantities are the responsibility of the subcontractor The above quantities are for reference only Should any discrepancies arise, the subcontractor is to notify the General Contractor and utilize the quantities needed to provide a complete package
- The above "Other" line items are for any additional items the concrete contractor feels that need to be included to provide a complete and fully functional package
- Permits and impact fees to be paid by General Contractor (reimbursed by Owner)
- Acknowledgement of Addenda: