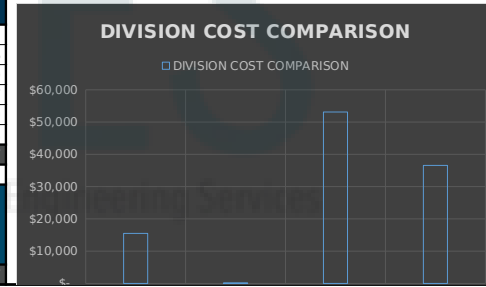


GENERAL SUMMARY

Prepared for: Fountain City Animal Hospital - T.I., 2415 Summit Street, Kansas City, MO 64108
Project ID: 6122025
Scope: MEP
No. Of Floors: 1
Date: 23-Sep-26



BUILDING GSF		2617		
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)	
1000	General Requirements	\$ 15,500	\$	5.92
2000	Existing Condition	\$ 170	\$	0.06
22000	Plumbing	\$ 53,114	\$	20.30
23000	HVAC	\$ 36,565	\$	13.97
26000	Electrical	\$ 40,790	\$	15.59
27000	Communication	\$ 3,999	\$	1.53
TOTAL TRADE COST		\$ 150,138	\$	57.37
OVERHEAD AND PROFIT		15%	\$ 22,521	\$ 8.61
INSURANCE		3%	\$ 4,504	\$ 1.72
CONTINGENCY		5%	\$ 7,507	\$ 2.87
TAX		10.98%	\$ 8,585	\$ 6.30
SUGGESTED BID		\$ 193,255	\$	77



Date: 23-Sep-26

Date: 23-Sep-2024													
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	-
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 7,000.00	7,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	-
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 2,500.00	2,500.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 4,000.00	4,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 2,000.00	2,000.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	-
												SUBTOTAL	15.00
EXISTING CONDITIONS													
8	D101		DEMOLITION										
		Existing Water Closet To Be Removed	EA	1	0%		1	0.900	\$ 100.00	\$ 90.00	\$ -	\$ 90.00	90.00
9			Existing Lavatory To Be Removed	EA	1	0%	1	0.800	\$ 100.00	\$ 80.00	\$ -	\$ 80.00	80.00
												SUBTOTAL	\$ 170
PLUMBING													
COLD WATER PIPE (BELOW GRADE)													
10			Type "A" Pex Pipe With Fittings										
			1" Dia Cold Water Pipe	LF	17	10%	18	0.070	\$ 100.00	\$ 7.00	\$ 2.56	\$ 9.56	174.36
COLD WATER PIPE FITTINGS													
ELBOW													
11			1" Dia Cold Water Pipe 90 Deg Elbow	EA	3	0%	3	0.300	\$ 100.00	\$ 30.00	\$ 6.50	\$ 36.50	109.50
COLD WATER PIPE (ABOVE GRADE)													
Type "A" Pex Pipe With Fittings													
12			1/2" Dia Cold Water Pipe	LF	65	10%	71	0.060	\$ 100.00	\$ 6.00	\$ 1.75	\$ 7.75	550.80
13			3/4" Dia Cold Water Pipe	LF	5	10%	6	0.070	\$ 100.00	\$ 7.00	\$ 2.15	\$ 9.15	51.33
14			1" Dia Cold Water Pipe	LF	104	10%	115	0.080	\$ 100.00	\$ 8.00	\$ 2.88	\$ 10.88	1,248.38
1/2" Thick Fiberglass Insulation													
15			1/2" Dia Cold Water Pipe	LF	65	10%	71	0.030	\$ 100.00	\$ 3.00	\$ 1.97	\$ 4.97	353.22
16			3/4" Dia Cold Water Pipe	LF	5	10%	6	0.035	\$ 100.00	\$ 3.50	\$ 2.15	\$ 5.65	31.70
17			1" Dia Cold Water Pipe	LF	104	10%	115	0.040	\$ 100.00	\$ 4.00	\$ 2.36	\$ 6.36	729.75
COLD WATER PIPE FITTINGS													
ELBOW													
18			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	5	0%	5	0.250	\$ 100.00	\$ 25.00	\$ 2.50	\$ 27.50	137.50
19			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	2	0%	2	0.275	\$ 100.00	\$ 27.50	\$ 3.68	\$ 31.18	62.36
20			1" Dia Cold Water Pipe 90 Deg Elbow	EA	10	0%	10	0.300	\$ 100.00	\$ 30.00	\$ 6.50	\$ 36.50	365.00
21			1" Dia Cold Water Pipe 45 Deg Elbow	EA	1	0%	1	0.300	\$ 100.00	\$ 30.00	\$ 6.50	\$ 36.50	36.50
TEE													
22			1" Dia Cold Water Pipe Tee	EA	2	0%	2	0.400	\$ 100.00	\$ 40.00	\$ 8.80	\$ 48.80	97.60
23			1" / 1/2" Dia Cold Water Pipe Tee	EA	7	0%	7	0.400	\$ 100.00	\$ 40.00	\$ 8.80	\$ 48.80	341.60
REDUCER													
24			1" / 1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.300	\$ 100.00	\$ 30.00	\$ 7.17	\$ 37.17	37.17
25			1" / 3/4" Dia Cold Water Pipe Reducer	EA	2	0%	2	0.300	\$ 100.00	\$ 30.00	\$ 7.17	\$ 37.17	74.34
HOT WATER PIPE (ABOVE GRADE)													
Type "A" Pex Pipe With Fittings													
26			1/2" Dia Hot Water Pipe	LF	36	10%	40	0.060	\$ 100.00	\$ 6.00	\$ 1.75	\$ 7.75	310.82
27			3/4" Dia Hot Water Pipe	LF	1	10%	1	0.070	\$ 100.00	\$ 7.00	\$ 2.15	\$ 9.15	7.15
28			1" Dia Hot Water Pipe	LF	150	10%	165	0.080	\$ 100.00	\$ 8.00	\$ 2.88	\$ 10.88	1,796.88
1/2" Thick Fiberglass Insulation													
29			1/2" Dia Hot Water Pipe	LF	36	10%	40	0.030	\$ 100.00	\$ 3.00	\$ 1.97	\$ 4.97	199.33
30			3/4" Dia Hot Water Pipe	LF	1	10%	1	0.035	\$ 100.00	\$ 3.50	\$ 2.15	\$ 5.65	4.41
31			1" Dia Hot Water Pipe	LF	150	10%	165	0.040	\$ 100.00	\$ 4.00	\$ 2.36	\$ 6.36	1,050.38
HOT WATER PIPE FITTINGS													
ELBOW													
32			1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	5	0%	5	0.250	\$ 100.00	\$ 25.00	\$ 2.50	\$ 27.50	137.50
33			1" Dia Hot Water Pipe 90 Deg Elbow	EA	13	0%	13	0.300	\$ 100.00	\$ 30.00	\$ 6.50	\$ 36.50	474.50
34			1" Dia Hot Water Pipe 45 Deg Elbow	EA	1	0%	1	0.300	\$ 100.00	\$ 30.00	\$ 6.50	\$ 36.50	36.50
TEE													
35			1" / 1/2" Dia Hot Water Pipe Tee	EA	7	0%	7	0.400	\$ 100.00	\$ 40.00	\$ 8.80	\$ 48.80	341.60
36			1" / 3/4" Dia Hot Water Pipe Tee	EA	1	0%	1	0.400	\$ 100.00	\$ 40.00	\$ 8.80	\$ 48.80	48.80
HOT WATER RETURN PIPE (ABOVE GRADE)													
Type "A" Pex Pipe With Fittings													
37			1" Dia Hot Water Return Pipe	LF	30	10%	33	0.080	\$ 100.00	\$ 8.00	\$ 2.88	\$ 10.88	363.35
1/2" Thick Fiberglass Insulation													
38			1" Dia Hot Water Return Pipe	LF	30	10%	33	0.040	\$ 100.00	\$ 4.00	\$ 2.36	\$ 6.36	212.40
HOT WATER RETURN PIPE FITTINGS													
ELBOW													
39			1" Dia Hot Water Return Pipe 90 Deg Elbow	EA	5	0%	5	0.300	\$ 100.00	\$ 30.00	\$ 6.50	\$ 36.50	182.50
WASTE PIPE (BELOW GRADE)													
Schedule 40 Solid Wall PVC Pipe With Fittings													
40			2" Dia Waste Pipe	LF	78	10%	85	0.125	\$ 100.00	\$ 12.50	\$ 2.79	\$ 15.29	1,303.81
41			3" Dia Waste Pipe	LF	70	10%	77	0.140	\$ 100.00	\$ 14.00	\$ 3.66	\$ 17.66	1,357.49
WASTE PIPE FITTINGS													
ELBOW													
42			2" Dia Waste Pipe 90 Deg Elbow	EA	13	0%	13	0.600	\$ 100.00	\$ 60.00	\$ 15.65	\$ 75.65	983.45
43			3" Dia Waste Pipe 90 Deg Elbow	EA	4	0%	4	0.725	\$ 100.00	\$ 72.50	\$ 28.00	\$ 100.50	402.00
44			2" Dia Waste Pipe 45 Deg Elbow	EA	18	0%	18	0.600	\$ 100.00	\$ 60.00	\$ 15.65	\$ 75.65	1,361.70
45			3" Dia Waste Pipe 45 Deg Elbow	EA	11	0%	11	0.725	\$ 100.00	\$ 72.50	\$ 28.00	\$ 100.50	1,105.50
WYE													
46			2" Dia Waste Pipe Wye	EA	10	0%	10	0.700	\$ 100.00	\$ 70.00	\$ 21.52	\$ 91.52	915.20
47			3" Dia Waste Pipe Wye	EA	9	0%	9	0.825	\$ 100.00	\$ 82.50	\$ 42.00	\$ 124.50	1,120.50
48			3" / 2" Dia Waste Pipe Wye	EA	4	0%	4	0.825	\$ 100.00	\$ 82.50	\$ 42.00	\$ 124.50	498.00
REDUCER													
49			3" / 2" Dia Waste Pipe Reducer	EA	2	0%	2	0.725	\$ 100.00	\$ 72.50	\$ 32.00	\$ 104.50	209.00
CONDENSATE DRAIN PIPE (ABOVE GRADE)													
Type "M" Copper Pipe With Fittings													
50			3/4" Dia Condensate Drain Pipe	LF	13	10%	15	0.075	\$ 100.00	\$ 7.50	\$ 6.50	\$ 14.00	206.67
51	P101, P201 & P202	Assumed	1/2" Thick Fiberglass Insulation										
		3/4" Dia Condensate Drain Pipe	LF	13	10%	15	0.035	\$ 100.00	\$ 3.50	\$ 2.15	\$ 5.65	\$ 83.41	
CONDENSATE DRAIN PIPE FITTINGS													
ELBOW													
52			3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	3	0%	3	0.275	\$ 100.00	\$ 27.50	\$ 4.78	\$ 32.28	96.84
GAS PIPE (ABOVE GRADE)													
Schedule 40 Black Steel Pipe With Malleable Iron Threaded Fittings													
53			3" Dia Gas Pipe	LF	107	10%	118	0.150	\$ 100.00	\$ 15.00	\$ 36.68	\$ 51.68	6,076.48
GAS PIPE FITTINGS													
ELBOW													
54			3" Dia Gas Pipe 90 Deg Elbow	EA	5	0%	5	0.800	\$ 100.00	\$ 80.00	\$ 65.00	\$ 145.00	725.00
TEE													
55			3" Dia Gas Pipe Tee	EA	1	0%	1	1.000	\$ 100.00	\$ 100.00	\$ 83.35	\$ 183.35	183.35
PLUMBING FIXTURES													
56			BFP: Back Flow Preventor, WATTS LF009-QTS, Reduced Pressure Zone Assem	EA	1	0%	1	2.500	\$ 100.00	\$ 250.00	\$ 2,033.64	\$ 2,283.64	2,283.64
57			IMB: Ice Maker Box, SIOUX CHIEF 696-G1010WF, Provide With Stop Valve A	EA	1	0%	1	0.350	\$ 100.00	\$ 35.00	\$ 72.69	\$ 107.69	107.69
58			LAV: Lavatory, KOHLER K-2084-N, White Wall Hung Vitreous China Lavatory	EA	1	0%	1	2.750	\$ 100.00	\$ 275.00	\$ 661.35	\$ 936.35	936.35
59			SK1: Kitchen Sink, ELKAY LRAD291855, 18 Gauge Stainless Steel Two Compa	EA	1	0%	1	3.000	\$ 100.00	\$ 300.00	\$ 2,265.00	\$ 2,565.00	2,565.00
60			SK2: Kitchen Sink, ELKAY DLR190910PD, Stainless Steel Sink With Lk406Go	EA	1	0%	1	3.000	\$ 100.00	\$ 300.00	\$ 1,956.23	\$ 2,256.23	2,256.23
61			SK3: Kitchen Sink, ELKAY LRAD191865PD, Stainless Steel Drop-In Sink With	EA	1	0%	1	3.000	\$ 100.00	\$ 300.00	\$ 1,720.23	\$ 2,020.23	2,020.23
62			WC: Water Closet, AMERICAN STANDARD 2467.016, 1.6GPF, Pressure Assis	EA	1	0%	1	3.150	\$ 100.00	\$ 315.00	\$ 648.79	\$ 963.79	963.79
63			MS: Mop Sink, FIAT MSBIDTG2424, Molded Stone Integral Drain Mop Service	EA	1	0%	1	3.200	\$ 100.00	\$ 320.00	\$ 822.79	\$ 1,142.79	1,142.79
64			WMB: Washing Machine Outlet Box With Frame, SIOUX CHIEF 696G2313MF,	EA	1	0%	1	0.600	\$ 100.00	\$ 60.00	\$ 198.98	\$ 258.98	258.98
65		Provided By Owner	Wet Table	EA	1	0%	1	1.000	\$ 100.00	\$ 100.00	\$ -	\$ 100.00	100.00
WATER HEATER													
66			CWH: Gas Water Heater, BRADFORD WHITE LC2PV50HT763N, Gas Fired Wal	EA	1	0%	1	4.000	\$ 100.00	\$ 400.00	\$ 4,109.20	\$ 4,509.20	4,509.20
WATER HEATER DETAIL													
67			1" Dia Air Gap	EA	1	0%	1	0.385	\$ 100.00	\$ 38.50	\$ 45.00	\$ 83.50	83.50
68			1" Dia Ball Valve	EA	5	0%	5	0.350	\$ 100.00	\$ 35.00	\$ 38.85	\$ 73.85	369.50

DETAILED BREAKDOWN OF ITEMS													
Prepared for: Fountain City Animal Hospital - T.L. 2415 Summit Street, Kansas City, MO 64108													
Project ID: 6122025													
Scope: MEP													
												Date: 23-Sep-26	
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOURL	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
69			1" Dia Check Valve	EA	2	0%	2	0.350	\$ 100.00	\$ 35.00	\$ 52.00	\$ 87.00	\$ 174.00
70			1" Dia Dirt Leg	EA	1	0%	1	0.350	\$ 100.00	\$ 35.00	\$ 46.65	\$ 81.65	\$ 81.65
71			1" Dia End Cap	EA	1	0%	1	0.200	\$ 100.00	\$ 20.00	\$ 12.00	\$ 32.00	\$ 32.00
72			1" Dia Pressure And Relief Valve	EA	1	0%	1	0.500	\$ 100.00	\$ 50.00	\$ 145.00	\$ 195.00	\$ 195.00
73			1" Dia Union	EA	1	0%	1	0.200	\$ 100.00	\$ 20.00	\$ 28.00	\$ 48.00	\$ 48.00
74			3/4" Dia Ball Valve (With Handle Removed)	EA	1	0%	1	0.300	\$ 100.00	\$ 30.00	\$ 38.29	\$ 68.29	\$ 68.29
75			3/4" Dia Union	EA	1	0%	1	0.200	\$ 100.00	\$ 20.00	\$ 22.00	\$ 42.00	\$ 42.00
76			Cleanout	EA	1	0%	1	0.625	\$ 100.00	\$ 62.50	\$ 75.00	\$ 137.50	\$ 137.50
77			Control Panel	EA	1	0%	1	2.000	\$ 100.00	\$ 200.00	\$ 2,150.00	\$ 2,350.00	\$ 2,350.00
78			Expansion Tank	EA	1	0%	1	1.500	\$ 100.00	\$ 150.00	\$ 856.00	\$ 1,006.00	\$ 1,006.00
79			Thermometer	EA	1	0%	1	0.330	\$ 100.00	\$ 33.00	\$ 165.00	\$ 198.00	\$ 198.00
			PUMP										
80			RP: Recirculation Pump, TACO 00266-F2, In-Line Cartridge Style Circulator Pump	EA	1	0%	1	1.000	\$ 100.00	\$ 100.00	\$ 821.68	\$ 921.68	\$ 921.68
			MISCELLANEOUS										
81			3" Dia Cap	EA	1	0%	1	0.250	\$ 100.00	\$ 25.00	\$ 28.00	\$ 53.00	\$ 53.00
82			3" Dia Dirt Pocket	EA	1	0%	1	0.400	\$ 100.00	\$ 40.00	\$ 65.00	\$ 105.00	\$ 105.00
83			3" Dia Gas Cock With Test Gauge Connection	EA	1	0%	1	0.650	\$ 100.00	\$ 65.00	\$ 118.98	\$ 183.98	\$ 183.98
84			3" Dia Grommet	EA	1	0%	1	0.550	\$ 100.00	\$ 55.00	\$ 88.78	\$ 143.78	\$ 143.78
85			3" Dia Ground Joint Union	EA	1	0%	1	0.429	\$ 100.00	\$ 42.90	\$ 64.64	\$ 107.54	\$ 107.54
86			3" Dia Trap Seal	EA	1	0%	1	0.300	\$ 100.00	\$ 30.00	\$ 74.49	\$ 104.49	\$ 104.49
			CLEANOUTS & DRAINS										
87			2" Dia FD: Flow Drain, SIOUX CHIEF 832-25ANR, Adjustable Floor Drain With	EA	2	0%	2	0.741	\$ 100.00	\$ 74.10	\$ 165.65	\$ 239.75	\$ 479.50
			VALVES										
88			3" Dia Ball Valve	EA	2	0%	2	0.650	\$ 100.00	\$ 65.00	\$ 128.95	\$ 193.95	\$ 387.90
			PVC COUPLING										
89			2" Dia	EA	8	0%	8						
90			3" Dia	EA	7	0%	7						
			PIPE SUPPORT										
91			1/2" Dia Adjustable Clevis Hanger	EA	17	0%	17						
92			3/4" Dia Adjustable Clevis Hanger	EA	3	0%	3						
93			1" Dia Adjustable Clevis Hanger	EA	47	0%	47						
94			3" Dia Adjustable Clevis Hanger	EA	11	0%	11						
95			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	67	0%	67	0.025	\$ 100.00	\$ 2.50	\$ 4.11	\$ 6.61	\$ 442.87
96			1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	11	0%	11	0.030	\$ 100.00	\$ 3.00	\$ 5.29	\$ 8.29	\$ 91.19
			TRENCHING & BACKFILLING										
97			Excavation & Backfilling (3 Deep x 1' Wide Trench) Including All Labor and Mat	CFT	492	0%	492	0.040	\$ 100.00	\$ 4.00	\$ -	\$ 4.00	\$ 1,968.00
												SUBTOTAL \$ 53,114	
HVAC													
			REFRIGERANT PIPE										
			Assumed Copper Type" ACR" Pipe										
98		Size Assumed	3/8" Dia Refrigerant Liquid Pipe	LF	19.45	10%	21	0.070	\$ 100.00	\$ 7.00	\$ 6.55	\$ 13.55	\$ 289.90
99			5/8" Dia Refrigerant Suction Pipe	LF	19.45	10%	21	0.075	\$ 100.00	\$ 7.50	\$ 7.89	\$ 15.39	\$ 329.27
			Assumed 1/2" Thick Fiberglass										
100			3/8" Dia Refrigerant Liquid Pipe	LF	19.45	10%	21	0.035	\$ 100.00	\$ 3.50	\$ 1.56	\$ 5.06	\$ 108.26
101			5/8" Dia Refrigerant Suction Pipe	LF	19.45	10%	21	0.040	\$ 100.00	\$ 4.00	\$ 1.78	\$ 5.78	\$ 123.66
			REFRIGERANT PIPE FITTINGS										
			ELBOW										
102			3/8" Dia Refrigerant Liquid Pipe 90 Deg Elbow	EA	4	0%	4	0.200	\$ 100.00	\$ 20.00	\$ 7.80	\$ 27.80	\$ 111.20
103			5/8" Dia Refrigerant Suction Pipe 90 Deg Elbow	EA	4	0%	4	0.225	\$ 100.00	\$ 22.50	\$ 9.60	\$ 32.10	\$ 128.40
			AIR DEVICES										
104			SD-1: Supply Diffuser, PRICE 520D, Face Type: Louvered, Duct/Wall Mounted,	EA	9	0%	9	0.400	\$ 100.00	\$ 40.00	\$ 88.00	\$ 128.00	\$ 1,152.00
105			SD-1: Supply Diffuser, PRICE 520D, Face Size: 12"x12", Neck Size: 10"x5", CFM	EA	4	0%	4	0.500	\$ 100.00	\$ 50.00	\$ 106.26	\$ 156.26	\$ 625.04
106			SD-1: Supply Diffuser, PRICE 520D, Face Size: 14"x14", Neck Size: 12"x5", CFM	EA	3	0%	3	0.600	\$ 100.00	\$ 60.00	\$ 127.00	\$ 187.00	\$ 561.00
107			Transfer Grille, Face Size: 18"x16"	EA	6	0%	6	0.325	\$ 100.00	\$ 32.50	\$ 64.00	\$ 96.50	\$ 579.00
108		Schedule Not Given	Transfer Grille, Face Size: 14"x12", High	EA	5	0%	5	0.300	\$ 100.00	\$ 30.00	\$ 48.00	\$ 78.00	\$ 390.00
109			Transfer Grille, Face Size: 14"x12", Low	EA	5	0%	5	0.300	\$ 100.00	\$ 30.00	\$ 48.00	\$ 78.00	\$ 390.00
			FURNACE										
110			F-1: Furnace, CARRIER, Flow Direction: Up flow, Nominal Tonnage: 3, Supply S	EA	1	0%	1	4.500	\$ 100.00	\$ 450.00	\$ 4,087.00	\$ 4,537.00	\$ 4,537.00
111			F-2: Furnace, CARRIER, Flow Direction: Up flow, Nominal Tonnage: 3, Supply S	EA	1	0%	1	4.500	\$ 100.00	\$ 450.00	\$ 4,087.00	\$ 4,537.00	\$ 4,537.00
			CONDENSING UNIT										
112			CU-1: Condensing Unit, CARRIER, Nominal Tonnage: 3Notes:1 Equipment Sizes	EA	1	0%	1	3.850	\$ 100.00	\$ 385.00	\$ 3,399.89	\$ 3,784.89	\$ 3,784.89
113			CU-2: Condensing Unit, CARRIER, Nominal Tonnage: 3Notes:1 Equipment Sizes	EA	1	0%	1	3.850	\$ 100.00	\$ 385.00	\$ 3,399.89	\$ 3,784.89	\$ 3,784.89
			EXHAUST FAN										
114			EF-1: Exhaust Fan, GREENHECK SP-B90, Ceiling Mounted, 70 CFM, Motor: 1/2	EA	1	0%	1	0.850	\$ 100.00	\$ 85.00	\$ 161.00	\$ 246.00	\$ 246.00
115			EF-2: Exhaust Fan, GREENHECK SP-A125, Ceiling Mounted, 100 CFM, Motor:	EA	1	0%	1	1.250	\$ 100.00	\$ 125.00	\$ 291.00	\$ 416.00	\$ 416.00
116			EF-3: Exhaust Fan, GREENHECK SP-A125, Ceiling Mounted, 100 CFM, Motor:	EA	1	0%	1	1.250	\$ 100.00	\$ 125.00	\$ 291.00	\$ 416.00	\$ 416.00
117			EF-4: Exhaust Fan, GREENHECK SP-A110, Ceiling Mounted, 80 CFM, Motor: 1	EA	1	0%	1	1.000	\$ 100.00	\$ 100.00	\$ 227.00	\$ 327.00	\$ 327.00
118			EF-5: Exhaust Fan, GREENHECK SP-A110, Ceiling Mounted, 80 CFM, Motor: 1	EA	1	0%	1	1.000	\$ 100.00	\$ 100.00	\$ 227.00	\$ 327.00	\$ 327.00
119			EF-6: Exhaust Fan, GREENHECK SP-A110, Ceiling Mounted, 80 CFM, Motor: 1	EA	1	0%	1	1.000	\$ 100.00	\$ 100.00	\$ 227.00	\$ 327.00	\$ 327.00
120			EF-7: Exhaust Fan, GREENHECK SP-A90, Ceiling Mounted, 60 CFM, Motor: 1/2	EA	1	0%	1	1.000	\$ 100.00	\$ 100.00	\$ 227.00	\$ 327.00	\$ 327.00
121			EF-8: Exhaust Fan, GREENHECK SP-A700, Suspended Mounted, 480 CFM, Motor	EA	1	0%	1	2.250	\$ 100.00	\$ 225.00	\$ 650.00	\$ 875.00	\$ 875.00
			DUCT WEIGHT										
122			Galvanized Sheet Metal Duct	LB	835	10%	919	0.055	\$ 100.00	\$ 5.50	\$ 1.50	\$ 7.00	\$ 6,429.50
			DUCT INSULATION										
123			R-6 Minimum Liner With Coated Air Side Surface	SF	627	10%	690	0.012	\$ 100.00	\$ 1.20	\$ 1.65	\$ 2.85	\$ 1,965.65
			MISCELLANEOUS										
124			16"x6" Supply Air Duct End Cap	EA	1	0%	1	0.200	\$ 100.00	\$ 20.00	\$ 28.00	\$ 48.00	\$ 48.00
125			20"x6" Supply Air Duct End Cap	EA	1	0%	1	0.200	\$ 100.00	\$ 20.00	\$ 32.65	\$ 52.65	\$ 52.65
126			20"x6" Supply Air Duct End Cap	EA	1	0%	1	0.200	\$ 100.00	\$ 20.00	\$ 32.65	\$ 52.65	\$ 52.65
127			5" Dia Weatherproof Wall/ Roof Cap	EA	4	0%	4	0.362	\$ 100.00	\$ 36.20	\$ 72.29	\$ 108.49	\$ 433.96
128			6" Dia Weatherproof Wall/ Roof Cap	EA	3	0%	3	0.362	\$ 100.00	\$ 36.20	\$ 78.00	\$ 114.20	\$ 342.60
129			20" Dia Weatherproof Wall/ Roof Cap	EA	1	0%	1	0.500	\$ 100.00	\$ 50.00	\$ 185.00	\$ 235.00	\$ 235.00
130			20"X8" Flexible Connection	EA	4	0%	4	0.417	\$ 100.00	\$ 41.70	\$ 117.28	\$ 158.98	\$ 635.92
131			3/8" Dia Service Valve	EA	1	0%	1	0.200	\$ 100.00	\$ 20.00	\$ 28.00	\$ 48.00	\$ 48.00
132			5/8" Dia Service Valve	EA	1	0%	1	0.200	\$ 100.00	\$ 20.00	\$ 32.00	\$ 52.00	\$ 52.00
133			5/8" Sight Glass	EA	1	0%	1	0.446	\$ 100.00	\$ 44.60	\$ 157.17	\$ 201.77	\$ 201.77
134			Filter Dryer	EA	1	0%	1	0.400	\$ 100.00	\$ 40.00	\$ 101.00	\$ 141.00	\$ 141.00
135			Plenum Box	EA	1	0%	1	0.742	\$ 100.00	\$ 74.20	\$ 285.00	\$ 359.20	\$ 359.20
136			Programmable Thermostat With Auto-Changeover Between Heating And Cooling	EA	2	0%	2	0.458	\$ 100.00	\$ 45.80	\$ 165.00	\$ 210.80	\$ 421.60
			PIPE SUPPORTS										
137			3/8" Dia Adjustable Clevis Hanger	EA	3	0%	3						
138			5/8" Dia Adjustable Clevis Hanger	EA	3	0%	3						
139			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	6	0%	6	0.025	\$ 100.00	\$ 2.50	\$ 4.11	\$ 6.61	\$ 39.66
			DUCT SUPPORTS										
140			3/8" Threaded Rod	EA	46	0%	46	0.025	\$ 100.00	\$ 2.50	\$ 4.11	\$ 6.61	\$ 304.06
141			1" x 22 Ga. Strap	EA	23	0%	23	0.015	\$ 100.00	\$ 1.50	\$ 3.27	\$ 4.77	\$ 109.71
												SUBTOTAL \$ 36,563	
ELECTRICAL													
			DISTRIBUTION										
			CONDUIT										
142		Length Assumed	1-1/2" EMT Conduit	LF	120	10%	132	0.060	\$ 100.00	\$ 6.00	\$ 3.26	\$ 9.26	\$ 1,222.32
			CONDUCTOR										
143			#6 CU THHN/THWN (From Panel L1D To Panel L3A)	LF	120	10%	132	0.010	\$ 100.00	\$ 1.00	\$ 0.99	\$ 1.99	\$ 262.68
144			#10 CU THHN/THWN (From Panel L1D To Panel L3A)	LF	360	10%	396	0.025	\$ 100.00	\$ 2.50	\$ 3.26	\$ 5.76	\$ 2,280.96
			LEGS										
145			Compression Lug CU With 1-Hole, #6 CU Wire	EA	4	0%	4	0.100	\$ 100.00	\$ 10.00	\$ 4.50	\$ 14.50	\$ 58.00
146			Heat Shrink Tubing for #6 CU Wire	EA	4	0%	4	0.050	\$ 100.00	\$ 5.00	\$ 2.50	\$ 7.50	\$ 30.00
147			Compression Lug CU With 1-Hole, #10 CU Wire	EA	12	0%	12	0.100	\$ 100.00	\$ 10.00	\$ 6.25	\$ 16.25	\$ 195.00
148			Heat Shrink Tubing for #10 CU Wire	EA	12	0%	12	0.050	\$ 100.00	\$ 5.00	\$ 2.50	\$ 7.50	\$ 90.00
			PANEL										
149		Assumed, Schedule Not Given	Panel L1D: 150A, 120/208V, 3Ph, 4W, Mains: MLO, 22KAIC, 4C Poles, Surface	EA	1	0%	1	2.250	\$ 100.00	\$ 225.00	\$ 1,250.00	\$ 1,475.00	\$ 1,475.00
			DISCONNECT SWITCH										
150			3P/20A Disconnect Switch	EA	2	0%	2	0.800	\$ 100.00	\$ 80.00	\$ 185.00	\$ 265.00	\$ 530.00
151			3P/150A Disconnect Switch	EA	1	0%	1	1.250	\$ 100.00	\$ 125.00	\$ 379.85	\$ 504.85	\$ 504.85
			GROUNDING										
152		Size Assumed	5/8" x 10' CU Clad Ground Rod	EA	1	0%	1	0.400	\$ 100.00	\$ 40.00	\$ 70.00	\$ 110.00	\$ 110.00
153			#6 CU Grounding Conductor	LF	20	10%	22	0.026	\$ 100.00	\$ 2.60	\$ 5.05	\$ 7.65	\$ 168.30

Prepared for:	Fountain City Animal Hospital - T.I., 2415 Summit Street, Kansas City, MO 64108
Project ID:	6122025
Scope:	MEP

Notes: 1. Online sources are used for pricing. 2. Prices can vary depending upon field conditions.

BREAKDOWN OF DUCT ITEMS

Prepared for: Fountain City Animal Hospital - T.I., 2415 Summit Street, Kansas City, MO 64108
Project ID: 6122025
Scope: MEP



Date: 23-Sep-26

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
HVAC					
GALVANIZED SHEET METAL DUCT					
1	8"x4" Supply Air Duct	LF	17.99	10%	20
2	10"x5" Supply Air Duct	LF	5.35	10%	6
3	12"x5" Supply Air Duct	LF	1.89	10%	2
4	16"x6" Supply Air Duct	LF	19.87	10%	22
5	20"x6" Supply Air Duct	LF	30.74	10%	34
6	24"x8" Supply Air Duct	LF	32.21	10%	35
7	28"x6" Supply Air Duct	LF	23.24	10%	26
8	20"X8" Return Air Duct (Assumed)	LF	13.34	10%	15
9	5" Dia Exhaust Air Duct	LF	31.55	10%	35
10	6" Dia Exhaust Air Duct	LF	25.92	10%	29
11	20" Dia Exhaust Air Duct (Assumed)	LF	8.81	10%	10