

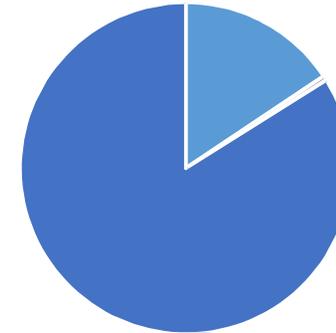
GENERAL SUMMARY

Prepared for: 9 East 37th Street, New York, NY 10016
Project ID:
Scope: HVAC
No. Of Floors: 1
Date: 15-May-25



BUILDING GSF		4,277	
		BASE BID	ADD ALTERNATE
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST
1000	General Requirement	\$ 8,200	\$ 8,200
2000	Existing Condition	\$ 238	\$ 238
23000	HVAC	\$ 44,047	\$ 43,779
TOTAL TRADE COST		\$ 52,485	\$ 52,216
OVERHEAD AND PROFIT		20%	\$ 10,497
INSURANCE		3%	\$ 1,575
CONTINGENCY		5%	\$ 2,624
TAX		9%	\$ 1,835
SUGGESTED BID		\$ 69,015	\$ 68,787

BASE BID



■ General Requirements
 ■ Existing Condition
 ■ HVAC



DETAILED BREAKDOWN OF ITEMS

Prepared for: 9 East 37th Street, New York, NY 10016
 Project ID:
 Scope: HVAC



Date: 15-May-25

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	\$ -	\$ -	\$ -	\$ 4,000.00	\$ 4,000.00	
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 500.00	\$ 500.00	
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 2,000.00	\$ 2,000.00	
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 500.00	\$ 500.00	
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,200.00	\$ 1,200.00	
												SUBTOTAL	\$ 8,200	
EXISTING CONDITIONS														
DEMOLITION														
8	M-101		Existing Radiator To Be Removed With Associated Piping	EA	1	0%	1	1.25	\$ 50.00	\$ 62.50	\$ -	\$ 62.50	\$ 62.50	
RELOCATION														
9			Existing Radiator To Be Relocated With Associated Piping	EA	1	0%	1	3.50	\$ 50.00	\$ 175.00	\$ -	\$ 175.00	\$ 175.00	
												SUBTOTAL	\$ 238	
HVAC														
AIR DEVICES														
10	M-101 & M-102		Supply Air Register, TITUS OMNI, Neck Size 16" Dia, Face Size 22"x6"	EA	12	0%	12	0.55	\$ 50.00	\$ 27.50	\$ 50.50	\$ 78.00	\$ 936.00	
11			Supply Air Register, TITUS OMNI, Neck Size 24" Dia, Face Size 28"x6"	EA	5	0%	5	0.58	\$ 50.00	\$ 29.00	\$ 82.00	\$ 111.00	\$ 555.00	
12			Supply Air Register, TITUS 300RL, Neck Size 12"x6" Dia, Face Size 22"x6"	EA	1	0%	1	0.55	\$ 50.00	\$ 27.50	\$ 45.75	\$ 73.25	\$ 73.25	
13			Return Air Register, TITUS 355RL, Face Size 30"x30"	EA	2	0%	2	0.64	\$ 50.00	\$ 32.00	\$ 151.00	\$ 183.00	\$ 366.00	
14			Exhaust Air Register, TITUS 355RL, Neck Size 14"x8" Dia, Face Size 18"x6"	EA	1	0%	1	0.55	\$ 50.00	\$ 27.50	\$ 78.00	\$ 105.50	\$ 105.50	
15			Transfer Air Register, Neck Size 30"x30", Face Size 34"x34"	EA	2	0%	2	0.64	\$ 50.00	\$ 32.00	\$ 207.00	\$ 239.00	\$ 478.00	
16			Transfer Air Register, Neck Size 16"x16", Face Size 20"x20"	EA	22	0%	22	0.58	\$ 50.00	\$ 29.00	\$ 103.75	\$ 132.75	\$ 2,920.50	
FAN														
17				EF-1: Exhaust Fan, GREENHECK SP-A700-VG, CFM 400, HP 55W, 115 V, Phase 1, HZ 60, Weight 40 Lbs. 1: Exhaust Fan Shall Be Provided With Variable Speed Controller 2: Exhaust Fan Shall Be Provided With Backdraft Damper	EA	1	0%	1	1.50	\$ 50.00	\$ 75.00	\$ 1,322.95	\$ 1,397.95	\$ 1,397.95
RADIATOR HEATER														
18				Cast Iron Steam Radiator	EA	1	0%	1	2.50	\$ 50.00	\$ 125.00	\$ 439.55	\$ 564.55	\$ 564.55
DAMPERS														
19				16" Dia Volume Damper	EA	12	0%	12	0.55	\$ 50.00	\$ 27.50	\$ 10.25	\$ 37.75	\$ 453.00
20				20" Dia Volume Damper	EA	5	0%	5	0.55	\$ 50.00	\$ 27.50	\$ 24.00	\$ 51.50	\$ 257.50
21				10"x8" Dia Volume Damper	EA	1	0%	1	0.86	\$ 50.00	\$ 43.00	\$ 73.00	\$ 116.00	\$ 116.00
22				12"x6" Dia Volume Damper	EA	1	0%	1	0.90	\$ 50.00	\$ 45.00	\$ 58.78	\$ 103.78	\$ 103.78
23			12"x8" Dia Volume Damper	EA	1	0%	1	0.90	\$ 50.00	\$ 45.00	\$ 122.79	\$ 167.79	\$ 167.79	
24			14"x8" Dia Volume Damper	EA	1	0%	1	1.00	\$ 50.00	\$ 50.00	\$ 222.00	\$ 272.00	\$ 272.00	
25			16"x10" Dia Volume Damper	EA	4	0%	4	1.12	\$ 50.00	\$ 56.00	\$ 267.36	\$ 323.36	\$ 1,293.44	
DUCT WEIGHT														
26			Galvanized Sheet Metal Duct	LB	1635	10%	1799	0.12	\$ 50.00	\$ 6.00	\$ 3.78	\$ 9.78	\$ 17,593.97	
DUCT INSULATION														
27			Assumed 1" Thick Fiberglass Duct Insulation	SF	114	10%	125	0.10	\$ 50.00	\$ 5.00	\$ 1.30	\$ 6.30	\$ 790.62	
LINER DUCT														

DETAILED BREAKDOWN OF ITEMS

Prepared for: 9 East 37th Street, New York, NY 10016
 Project ID:
 Scope: HVAC



Date: 15-May-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
28			1" Thick Acoustical Lined Duct, Equal To JOHNS MANSVILLE LINACOUSTIC R300	SF	1229	10%	1352	0.12	\$ 50.00	\$ 6.00	\$ 4.00	\$ 10.00	\$ 13,522.12
			MISCELLANEOUS										
29			Thermostat	EA	1	0%	1	0.85	\$ 50.00	\$ 42.50	\$ 41.47	\$ 83.97	\$ 83.97
			DUCT SUPPORTS										
30			3/8" Threaded Rod	EA	46	0%	46	0.43	\$ 50.00	\$ 21.50	\$ 9.47	\$ 30.97	\$ 1,430.81
31			1" x 22 Ga. Strap	EA	23	0%	23	0.38	\$ 50.00	\$ 19.00	\$ 5.47	\$ 24.47	\$ 565.26
SUBTOTAL												\$ 44,047	

PROJECTED COST												\$52,485	
OVERHEAD AND PROFIT												20%	\$10,497
INSURANCE												3%	\$1,575
CONTINGENCY												5%	\$2,624
TAX												9%	\$1,835
SUGGESTED BID												\$69,015	

Notes:

- Online sources are used for pricing.
- Prices can vary depending upon field conditions.



DETAILED BREAKDOWN OF ITEMS

Prepared for: 9 East 37th Street, New York, NY 10016
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Date: 15-May-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAG E	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	\$ -	\$ -	\$ -	\$ 4,000.00	\$ 4,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 500.00	\$ 500.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 2,000.00	\$ 2,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 500.00	\$ 500.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,200.00	\$ 1,200.00
												SUBTOTAL	\$ 8,200
EXISTING CONDITIONS													
DEMOLITION													
8	M-101		Existing Radiator To Be Removed With Associated Piping	EA	1	0%	1	1.25	\$ 50.00	\$ 62.50	\$ -	\$ 62.50	\$ 62.50
RELOCATION													
9			Existing Radiator To Be Relocated With Associated Piping	EA	1	0%	1	3.50	\$ 50.00	\$ 175.00	\$ -	\$ 175.00	\$ 175.00
												SUBTOTAL	\$ 238
HVAC													
AIR DEVICES													
10			Supply Air Register, Neck Size 16" Dia, Face Size 22"x6"	EA	12	0%	12	0.55	\$ 50.00	\$ 27.50	\$ 50.50	\$ 78.00	\$ 936.00
11			Supply Air Register, Neck Size 24" Dia, Face Size 28"x6"	EA	5	0%	5	0.58	\$ 50.00	\$ 29.00	\$ 82.00	\$ 111.00	\$ 555.00
12			Supply Air Register, Neck Size 12"x6" Dia, Face Size 22"x6"	EA	1	0%	1	0.55	\$ 50.00	\$ 27.50	\$ 45.75	\$ 73.25	\$ 73.25
13			Exhaust Air Register, Neck Size 14"x8" Dia, Face Size 18"x6"	EA	1	0%	1	0.64	\$ 50.00	\$ 32.00	\$ 151.00	\$ 183.00	\$ 183.00
14			Return Air Register, Face Size 30"x30"	EA	2	0%	2	0.55	\$ 50.00	\$ 27.50	\$ 78.00	\$ 105.50	\$ 211.00
15			Transfer Air Register, Neck Size 30"x30", Face Size 34"x34"	EA	2	0%	2	0.64	\$ 50.00	\$ 32.00	\$ 207.00	\$ 239.00	\$ 478.00
16			Transfer Air Register, Neck Size 16"x16", Face Size 20"x20"	EA	22	0%	22	0.58	\$ 50.00	\$ 29.00	\$ 103.75	\$ 132.75	\$ 2,920.50
FAN													
17			EF-1: Exhaust Fan, GREENHECK SP-A700-VG, CFM 400, HP 55W, 115 V, Phase 1, HZ 60, Weight 40 Lbs. 1: Exhaust Fan Shall Be Provided With Variable Speed Controller 2: Exhaust Fan Shall Be Provided With Backdraft Damper	EA	1	0%	1	1.50	\$ 50.00	\$ 75.00	\$ 1,322.95	\$ 1,397.95	\$ 1,397.95
UNIT HEATER													
18			Ceiling Mounted Unit Heater	EA	1	0%	1	2.00	\$ 50.00	\$ 100.00	\$ 332.56	\$ 432.56	\$ 432.56
RADIATOR HEATER													
19			MF: Cast Iron Steam Radiator	EA	1	0%	1	2.50	\$ 50.00	\$ 125.00	\$ 439.55	\$ 564.55	\$ 564.55
DAMPERS													
20	M-101 & M-102		16" Dia Volume Damper	EA	12	0%	12	0.55	\$ 50.00	\$ 27.50	\$ 10.25	\$ 37.75	\$ 453.00
21			20" Dia Volume Damper	EA	5	0%	5	0.55	\$ 50.00	\$ 27.50	\$ 24.00	\$ 51.50	\$ 257.50
22			10"x8" Dia Volume Damper	EA	1	0%	1	0.86	\$ 50.00	\$ 43.00	\$ 73.00	\$ 116.00	\$ 116.00
23			12"x6" Dia Volume Damper	EA	1	0%	1	0.90	\$ 50.00	\$ 45.00	\$ 58.78	\$ 103.78	\$ 103.78
24			12"x8" Dia Volume Damper	EA	1	0%	1	0.90	\$ 50.00	\$ 45.00	\$ 122.79	\$ 167.79	\$ 167.79
25			14"x8" Dia Volume Damper	EA	1	0%	1	1.00	\$ 50.00	\$ 50.00	\$ 222.00	\$ 272.00	\$ 272.00
26			16"x10" Dia Volume Damper	EA	4	0%	4	1.12	\$ 50.00	\$ 56.00	\$ 267.36	\$ 323.36	\$ 1,293.44
DUCT WEIGHT													
27			Galvanized Sheet Metal Duct	LB	1635	10%	1799	0.10	\$ 50.00	\$ 5.00	\$ 4.18	\$ 9.18	\$ 16,514.58
DUCT INSULATION													

DETAILED BREAKDOWN OF ITEMS

Prepared for: 9 East 37th Street, New York, NY 10016
 Project ID:
 Scope: HVAC



Date: 15-May-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
28		Assumed	1" Thick Fiberglass Duct Insulation	SF	114	10%	125	0.10	\$ 50.00	\$ 5.00	\$ 1.04	\$ 6.04	\$ 757.99
			LINER DUCT										
29			1" Thick Acoustical Lined Duct, Equal To JOHNS MANSVILLE LIN	SF	1229	10%	1352	0.12	\$ 50.00	\$ 6.00	\$ 4.00	\$ 10.00	\$ 13,522.12
			MISCELLANEOUS										
30			Thermostat	EA	2	0%	2	0.85	\$ 50.00	\$ 42.50	\$ 41.47	\$ 83.97	\$ 167.94
31			Smoke Detector	EA	1	0%	1	0.42	\$ 50.00	\$ 21.00	\$ 112.49	\$ 133.49	\$ 133.49
32			88"x88" Controle panel, HONEYWELL W7215 With Sensor And Da	EA	1	0%	1	1.42	\$ 50.00	\$ 71.00	\$ 200.00	\$ 271.00	\$ 271.00
			DUCT SUPPORTS										
33			3/8" Threaded Rod	EA	46	0%	46	0.43	\$ 50.00	\$ 21.50	\$ 9.47	\$ 30.97	\$ 1,430.81
34			1" x 22 Ga. Strap	EA	23	0%	23	0.38	\$ 50.00	\$ 19.00	\$ 5.47	\$ 24.47	\$ 565.26
SUBTOTAL												\$ 43,779	

PROJECTED COST												\$52,216	
OVERHEAD AND PROFIT												20%	\$10,443
INSURANCE												3%	\$1,566
CONTINGENCY												5%	\$2,611
TAX												9%	\$1,951
SUGGESTED BID												\$68,787	

Notes:

- Online sources are used for pricing.
- Prices can vary depending upon field conditions.



BREAKDOWN OF DUCT ITEMS

Prepared for: 9 East 37th Street, New York, NY 10016

Project ID:

Scope: HVAC



Date: 15-May-25

SR #	DESCRIPTION	UNIT	QUANTIT Y	WASTAGE	QUANTITY W/ WASTAGE
HVAC					
GALVANIZED SHEET METAL DUCT					
1	16" Dia Supply Duct	LF	15	10%	17
2	20" Dia Supply Duct	LF	9	10%	10
3	10"x8" Dia Spiral Supply Duct (Lined)	LF	9	10%	10
4	12"x6" Dia Spiral Supply Duct (Lined)	LF	5	10%	5
5	12"x8" Dia Spiral Supply Duct (Lined)	LF	9	10%	10
6	14"x8" Dia Spiral Supply Duct (Lined)	LF	5	10%	5
7	16"x10" Dia Spiral Supply Duct (Lined)	LF	31	10%	34
8	20"x12" Dia Spiral Supply Duct (Lined)	LF	12	10%	14
9	24"x12" Dia Spiral Supply Duct (Lined)	LF	32	10%	35
10	28"x12" Dia Spiral Supply Duct (Lined)	LF	42	10%	46
11	36"x12" Dia Spiral Supply Duct (Lined)	LF	20	10%	22
12	60"x12" Dia Spiral Supply Duct (Lined)	LF	15	10%	17
13	14"X8" Exhaust Duct (Lined)	LF	11	10%	12
14	16"x16" Transfer Air Duct (Lined)	LF	16	10%	17
15	30"x30" Transfer Air Duct (Lined)	LF	1	10%	1



MATERIAL LIST

Prepared for: 9 East 37th Street, New York, NY 10016

Project ID:

Scope: HVAC



Date: 15-May-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	
GENERAL REQUIREMENTS						
1			Permits	LS	1	
2			Supervision and Coordination	LS	1	
3			Submittals and Shop drawings	LS	1	
4			Final Cleaning	LS	1	
5			Mobilization Costs	LS	1	
6			Temporary Control & Facilities	LS	1	
7			Scaffolding	LS	1	
EXISTING CONDITIONS						
DEMOLITION						
8	M-101		Existing Radiator To Be Removed With Associated Piping	EA	1	
RELOCATION						
9			Existing Radiator To Be Relocat With Associated Piping	EA	1	
HVAC						
AIR DEVICES						
10	M-101 & M-102		Supply Air Register, TITUS OMNI, Neck Size 16" Dia, Face Size 22"x	EA	12	
11			Supply Air Register, TITUS OMNI, Neck Size 24" Dia, Face Size 28"x	EA	5	
12			Supply Air Register, TITUS 300RL, Neck Size 12"x6" Dia, Face Size 2	EA	1	
13			Return Air Register, TITUS 355RL, Face Size 30"x30"	EA	2	
14			Exhaust Air Register, TITUS 355RL, Neck Size 14"x8" Dia, Face Size	EA	1	
15			Schedule Not Given	Transfer Air Register, Neck Size 30"x30", Face Size 34"x34"	EA	2
16				Transfer Air Register, Neck Size 16"x16", Face Size 20"x20"	EA	22
FAN						
17				EF-1: Exhaust Fan, GREENHECK SP-A700-VG, CFM 400, HP 55W, 1	EA	1
RADIATOR HEATER						
18				Cast Iron Steam Radiator	EA	1
DAMPERS						
19				16" Dia Volume Damper	EA	12
20				20" Dia Volume Damper	EA	5
21				10"x8" Dia Volume Damper	EA	1
22				12"x6" Dia Volume Damper	EA	1
23			12"x8" Dia Volume Damper	EA	1	
24			14"x8" Dia Volume Damper	EA	1	
25			16"x10" Dia Volume Damper	EA	4	
DUCT WEIGHT						
26			Galvanized Sheet Metal Duct	LB	1635	
DUCT INSULATION						
27		Assumed	1" Thick Fiberglass Duct Insulation	SF	114	
LINER DUCT						
28			1" Thick Accostical Lined Duct, Equal To JOHNS MANSVILLE LINA	SF	1229	
MISCELLANEOUS						
29			Thermostat	EA	1	
DUCT SUPPORTS						
30			3/8" Threaded Rod	EA	46	
31			1" x 22 Ga. Strap	EA	23	

MATERIAL LIST

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Project ID:

Scope: HVAC



Date: 15-May-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	
ADD ALTERNATE						
HVAC						
AIR DEVICES						
32	M-101 & M-102		Supply Air Register, Neck Size 16" Dia, Face Size 22"x6"	EA	12	
33			Supply Air Register, Neck Size 24" Dia, Face Size 28"x6"	EA	5	
34			Supply Air Register, Neck Size 12"x6" Dia, Face Size 22"x6"	EA	1	
35			Exhaust Air Register, Neck Size 14"x8" Dia, Face Size 18"x6"	EA	1	
36			Return Air Register, Face Size 30"x30"	EA	2	
37			Transfer Air Register, Neck Size 30"x30", Face Size 34"x34"	EA	2	
38			Transfer Air Register, Neck Size 16"x16", Face Size 20"x20"	EA	22	
FAN						
39				EF-1: Exhaust Fan, GREENHECK SP-A700-VG, CFM 400, HP 55W, 1	EA	1
UNIT HEATER						
40				Ceiling Mounted Unit Heater	EA	1
RADIATOR HEATER						
41				MF: Cast Iron Steam Radiator	EA	1
DAMPERS						
42				16" Dia Volume Damper	EA	12
43				20" Dia Volume Damper	EA	5
44				10"x8" Dia Volume Damper	EA	1
45				12"x6" Dia Volume Damper	EA	1
46				12"x8" Dia Volume Damper	EA	1
47				14"x8" Dia Volume Damper	EA	1
48			16"x10" Dia Volume Damper	EA	4	
DUCT WEIGHT						
49			Galvanized Sheet Metal Duct	LB	1635	
DUCT INSULATION						
50		Assumed	1" Thick Fiberglass Duct Insulation	SF	114	
LINER DUCT						
51			1" Thick Accostical Lined Duct, Equal To JOHNS MANSVILLE LINA	SF	1229	
MISCELLANEOUS						
52			Thermostat	EA	2	
53			Smoke Detector	EA	1	
54			88"x88" Controle panel, HONEYWELL W7215 With Sensor And Dam	EA	1	
DUCT SUPPORTS						
55			3/8" Threaded Rod	EA	46	
56			1" x 22 Ga. Strap	EA	23	

SMART CONSTRUCTS