



1514 Schorr Pl, Bronx NY 10469 USA

Web: [www.bedestimation.com](http://www.bedestimation.com)

E-Mail: [info@bedestimation.com](mailto:info@bedestimation.com)

**Project:**

**Location:**

**CLEINT**

**ARCHITECT**

**Name:**

**E-Mail:**

**Location:**

**SCOPE OF WORK**

**ADDENDA**

**Addendum Issued :**

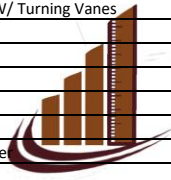
**None**

**SPECIAL NOTES**

**BIDDER NAME:** \_\_\_\_\_

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	MAT. COST	LAB. COST	EQUIP. COST	TOTAL COST
			010000	<b>DIVISION 01 - GENERAL REQUIREMENTS</b>						
1				MOBILIZATION	1	LS				
2				BOND & INSURANCE (See Spec. Sec. G01740)	1	LS				
3				PROJECT SUPERVISION & PROJECT MANAGEMENT	1	LS				
4				SUBMITTALS, SAMPLES, SHOP DRAWINGS, SITE SAFETY PLAN, ETC. (See Spec. Sec. S01300)	1	LS				
5				TEMPORARY FACILITIES & CONTROLS (See Spec. Sec. S01500)	1	LS				
6				PROJECT SCHEDULE (Primavera P3 or P6) See Spec. Sec. S01312	1	LS				
7				OFFICE OVERHEADS	1	LS				
8				CLOSEOUT PROCEDURES (See Spec. Sec. G01700)	1	LS				
9				PERMITS (DOT, DOB & After hour permits ETC.)	1	LS				
10		See cover and invitation to bid Pg. 10		(1) SECURITY GUARD (FOR 16 HOURS/DAY FOR 343 WEEKDAYS AND 24 HOURS/DAY FOR 137 WEEKENDS) EXCLUDED 150 DAYS FOR SUBMITTALS, APPROVAL AND PERMITS. <b>Performance Period 630 days</b> <b>Normal school hours 7:00AM to 4:40PM</b>		HRS				
11				CUSTODIAL PERMIT (FOR 8 HOURS/PER DAY FOR 343 WEEKDAYS) EXCLUDED 150 DAYS FOR SUBMITTALS, APPROVAL AND PERMITS. AFTER 150 DAYS HOLIDAYS AND OVERTIMES ARE EXCLUDED. <b>Performance Period 630 days</b>		HRS				
12				SCAFFOLDING.		SF				
13				SIDEWALK BRIDGE.		LF				
				<b>Subtotal</b>						
			230000	<b>DIVISION 23 - HEATING, VENTILATION AND AIR CONDITIONING</b>						
				<b>Demolition</b>						
				Demolition work						
14				Demolish - 6" Dia EA Duct	24	FT				\$ -
15				Demolish 22"x12" Duct (Size Assumed)	8	FT				\$ -
16				Demolish 12"x12" Duct (Size Assumed)	3	FT				\$ -
17				Demolish Exhaust fan	51	EA				\$ -
18				Demolish Exhaust fan And Exhaust Ductwork	2	EA				\$ -
19				Demolish In-Line Exhaust Fan And Ductwork	1	EA				\$ -
20				Demolish Existing Thru Wall Unit	10	EA				\$ -
21				Demolish Air Handler W/ Associated Condenser And Refrigerant Piping	4	EA				\$ -
22				Demolish Existing Air Handler, Evaporator And Electric Heater	11	EA				\$ -
23				Demolish Existing Condensers W/ Associated Piping	5	EA				\$ -
24				Demolish Existing Condenser	6	EA				\$ -
25				Demolish Existing Thermostat	11	EA				\$ -
26				Demolish Supply Diffuser	10	EA				\$ -
27				Demolish Exhaust Diffuser	2	EA				\$ -
28				Demolish Exhaust Grille	8	EA				\$ -
				<b>REPLACE WORK</b>						
				REPLACE WORK						
29				Replace All Supply Grille In This Area <b>Note: Please add price of this item</b>	8391	SQFT				\$ -
				<b>NEW ESTIMATE</b>						
				DUCT WORK						
				<b>Galvanized Steel Sheet</b>						
30				4" Dia Dryer Exhaust Duct	172	FT				\$ -
31				6" Dia Exhaust Air Duct	67	FT				\$ -
32				8" Dia Outside Air Duct	10	FT				\$ -
33				8"x6" Outside Air Duct	2	FT				\$ -
34				10"x6" Outside Air Duct	11	FT				\$ -
35				10"x6" Transfer Air Duct	12	FT				\$ -
36				10"x10" Supply Air Duct	5	FT				\$ -
37				12" Dia Outside Air Duct	8	FT				\$ -
38				12"x12" Outside Air Duct	5	FT				\$ -
39				14"x12" Supply Air Duct	23	FT				\$ -
40				16"x12" Outside Air Duct	14	FT				\$ -
41				18"x14" Supply Air Duct	22	FT				\$ -
42				20"x14" Outside Air Duct	16	FT				\$ -
43				24"x12" Return Air Duct (Size Assumed)	4	FT				\$ -
44				28"x12" Return Air Duct	4	FT				\$ -
45				36"x12" Supply Air Duct	34	FT				\$ -
				DUCT FITTINGS						
				<b>ELBOW</b>						
46				4" Dia Dryer Exhaust Duct 90 Deg Elbow	14	EA				\$ -
47				6" Dia Exhaust Air Duct 45 Deg Elbow	2	EA				\$ -
48				6" Dia Exhaust Air Duct 90 Deg Elbow	2	EA				\$ -

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	MAT. COST	LAB. COST	EQUIP. COST	TOTAL COST
49				8" Dia Outside Air Duct 90 Deg Elbow	1	EA				\$ -
50				10"x6" Outside Air Duct 90 Deg Elbow	1	EA				\$ -
51				12" Dia Outside Air Duct 90 Deg Elbow	1	EA				\$ -
52				12"x12" Outside Air Duct 90 Deg Elbow	1	EA				\$ -
53				16"x12" Outside Air Duct 90 Deg Elbow W/ Turning Vanes	1	EA				\$ -
54				18"x14" Supply Air Duct 90 Deg Elbow	1	EA				\$ -
55				20"x14" Outside Air Duct 90 Deg Elbow	2	EA				\$ -
56				36"x12" Supply Air Duct 90 Deg Elbow	1	EA				\$ -
				<b>REDUCER</b>						
57				18"x14" / 14"x12" Supply Air Duct Reducer	1	EA				\$ -
58				14"x12" / 10"x10" Supply Air Duct Takeoff	2	EA				\$ -
59				18"x14" / 10"x10" Supply Air Duct Takeoff	2	EA				\$ -
				<b>AIR DEVICES</b>						
60				E-1, 40 CFM, 8"x4" EXHAUST GRILLE, BASIS OF DESIGN HART AND COOLEY MODEL 672	8	EA				\$ -
61				L-1, 36"x37" INTAKE LOUVER, GREENHECK ESD-435X, WITH GREENHECK MODEL HB-120	1	EA				\$ -
62				S-1, 30"x30" OUTDOOR AIR GRILLE, HART AND COOLEY MODEL 672	1	EA				\$ -
63				T-1, 10"x6" TRANSFER GRILLE, HART AND COOLEY MODEL 672	8	EA				\$ -
64				Return Grille Filtered, 24"x24" Size	2	EA				\$ -
65				Supply Grille	10	EA				\$ -
66				Return Grille	4	EA				\$ -
				<b>EXHAUST FAN</b>						
67				BEF-1, 50 CFM, GREENHECK MODEL SP-B80, INCLUDE LED LIGHT INTEGRAL TO EXHAUST GRILLE	3	EA				\$ -
68				BEF-2, 100 CFM, GREENHECK MODEL SP-B110, INCLUDE LED LIGHT INTEGRAL TO EXHAUST GRILLE	2	EA				\$ -
69				EF-1, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
70				EF-2, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
71				EF-3, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
72				EF-4, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
73				EF-5, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
74				EF-6, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
75				EF-7, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
76				EF-8, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
77				EF-9, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
78				EF-10, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
79				EF-11, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
80				EF-12, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
81				EF-13, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
82				EF-14, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
83				EF-15, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
84				EF-16, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
85				EF-17, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
86				EF-18, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
87				EF-19, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
88				EF-20, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
89				EF-21, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
90				EF-22, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
91				EF-23, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
92				EF-24, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
93				EF-25, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
94				EF-26, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
95				EF-27, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
96				EF-28, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
97				EF-29, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
98				EF-30, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
99				EF-31, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
100				EF-32, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
101				EF-33, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
102				EF-34, 200 CFM, GREENHECK MODEL G-070-D	1	EA				\$ -
103				EF-35, 350 CFM, GREENHECK MOEL G-095-E	1	EA				\$ -
104				EF-36, 350 CFM, GREENHECK MOEL G-095-E	1	EA				\$ -
105				EF-37, 350 CFM, GREENHECK MOEL G-095-E	1	EA				\$ -
106				EF-38, 350 CFM, GREENHECK MOEL G-095-E	1	EA				\$ -
107				EF-39, 350 CFM, GREENHECK MOEL G-095-E	1	EA				\$ -
108				EF-40, 350 CFM, GREENHECK MOEL G-095-E	1	EA				\$ -
109				EF-41, 350 CFM, GREENHECK MOEL G-095-E	1	EA				\$ -
110				EF-42, 350 CFM, GREENHECK MOEL G-095-E	1	EA				\$ -
111				EF-43, 350 CFM, GREENHECK MOEL G-095-E	1	EA				\$ -
112				EF-44, 1825 CFM, GREENHECK MODEL SE2-16-423-A3, INCLUDE WALL HOUSING AND LOUVER MODEL ESD-403	1	EA				\$ -
113				EF-45, 1825 CFM, GREENHECK MODEL SE2-16-423-A3, INCLUDE WALL HOUSING AND LOUVER MODEL ESD-403	1	EA				\$ -



**BID ESTIMATION SERVICES**

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	MAT. COST	LAB. COST	EQUIP. COST	TOTAL COST
114				EF-48, 1825 CFM, GREENHECK MODEL SE2-16-423-A3, INCLUDE WALL HOUSING AND LOUVER MODEL ESD-403	1	EA				\$ -
115				EF-49, 360 CFM, GREENHECK MODEL SE1-12-432-P. INCULDE WALL HOUSING AND LOUVER	1	EA				\$ -
				<b>AIR CONDITIONING UNIT</b>						
116				AC-1, 1260 CFM, CCU-1, GOODMAN MODEL HKSC08DA, GOODMAN MODEL ARUF43D14A+TXV AND GOODMAN MODEL GSZ140421	1	EA				\$ -
117				AC-2, 1555 CFM, CCU-2, GOODMAN MODE HKSC15DA, GOODMAN MODEL ARUF61D14A+TXV AND GOODMAN MODEL GSZ140481	1	EA				\$ -
118				AC-3, 6000 CFM, CCU-3, GOODMAN MODE HKSC15DA, TRANE MODEL TWA 180E40RA-TWE120D300A	1	EA				\$ -
119				AC-4, 4000 CFM, CCU-4, GOODMAN MODE HKSC15DA, TRANE MODEL TWA 120E40RB-TWE120D300A	1	EA				\$ -
120				AC-6, 4000 CFM, CCU-6, GOODMAN MODE HKSC15DA, TRANE MODEL TWA 120E40RB-TWE120D300A	1	EA				\$ -
121				AC-7, 6000 CFM, CCU-7, GOODMAN MODE HKSC15DA, TRANE MODEL TWA 180E40RA-TWE180E300A	1	EA				\$ -
122				AC-12, 1260 CFM, CCU-12, GOODMAN MODEL HKSC08DA, GOODMAN MODEL ARUF43D14A+TXV AND GOODMAN MODEL GSZ140421	5	EA				\$ -
123				AC-13, 1555 CFM, CCU-13, GOODMAN MODE HKSC15DA, GOODMAN MODEL ARUF61D14A+TXV AND GOODMAN MODEL GSZ140481	1	EA				\$ -
				<b>MAKE-UP AIR UNIT</b>						
124				AC-8, 1000 CFM, TRANE HORIZONTAL MODEL OABD072A4-D101AOAB-C3C00AF000-000BOC1A0	1	EA				\$ -
125				AC-9, 1000 CFM, TRANE HORIZONTAL MODEL OABD072A4-D101AOAB-C3C00AF000-000BOC1A0	1	EA				\$ -
126				AC-10, 1600 CFM, TRANE HORIZONTAL MODEL OAGD120A4-D1A1AOBC-C3D00AF000-000BOC-A0	1	EA				\$ -
127				AC-11, 1600 CFM, TRANE HORIZONTAL MODEL OAGD120A4-D1A1AOBC-C3D00AF000-000BOC-A0	1	EA				\$ -
				<b>AIR CONDITIONING HEAT PUMP</b>						
128				HP-1, AHRI REFERENCE NUMBER 205983289, MITSUBISHI MODEL MUY-GL18NA	1	EA				\$ -
				<b>DUCTLESS SPLIT TYPE AIR CONDENSER</b>						
129				EVAP-1, 258/646 CFM, MITSUBISHI MODEL MSY-GL18NA, 208V, 1PH	1	EA				\$ -
				<b>PTAC UNIT</b>						
130				TW-1, 212/360 CFM, GE MODEL AZ65H09DAB WITH WALL SLEEVE PROGRAMMABLE THERMOSTAT, REAR GRILLE ETC	4	EA				\$ -
131				TW-2, 284/370 CFM, GE MODEL AZ65H12DAB WITH WALL SLEEVE PROGRAMMABLE THERMOSTAT, REAR GRILLE ETC	5	EA				\$ -
132				TW-3, 290/370 CFM, GE MODEL AZ65H15DAB WITH WALL SLEEVE PROGRAMMABLE THERMOSTAT, REAR GRILLE ETC	1	EA				\$ -
				<b>DAMPERS</b>						
133				8" Dia Motorized Damper	1	EA				\$ -
134				6" Dia Backdraft Damper	4	EA				\$ -
				<b>WALL CAP</b>						
135				4" Dia Wall Cap	14	EA				\$ -
136				6" Dia Wall Cap	4	EA				\$ -
137				12" Dia Wall Cap	1	EA				\$ -
				<b>MESH SCREEN</b>						
138				4" Dia Bird Screen	14	EA				\$ -
139				6" Dia Bird Screen	4	EA				\$ -
140				12" Dia Bird Screen	1	EA				\$ -
				<b>THERMOSTAT</b>						
141				Thermostat	11	EA				\$ -
				<b>DUCT INSULATION</b>						
142				2" Thick Glass Fiber Insulation, Non-Crossive, Incombustible Glass Fiber Complying With ASTM C1071, Flexible Blanket , Rigid Board, And Performed Round Liner Board, Mfg Knauf Insulation, Johns Manville etc.	842	SF				\$ -
				<b>DUCT WEIGHT</b>						
143				Galvanized Steel Sheet	1269	LB				\$ -
				<b>DUCT SUPPORT</b>						
144				3/8" Threaded Rod	82	EA				\$ -
145				1" x 22 Ga. Strap	41	EA				\$ -
146				2" x 18 Ga. Band Clamp	41	EA				\$ -
				<b>Subtotal</b>						<b>\$0</b>

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	MAT. COST	LAB. COST	EQUIP. COST	TOTAL COST

