

GENERAL SUMMARY

Prepared for:

Project ID:

X.Y.Z.

Scope:

Renovation & Addition

No. Of Floors:

3

Date:

05/17/22



BUILDING GSF

1,595

Cellar (SF)

501

First Floor (SF)

547

Second Floor (SF)

547

DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST
1000	General Requirements	\$ 46,000	\$ 28.84
2000	Demolition/Site Work	\$ 12,617	\$ 7.91
3000	Concrete	\$ 62,429	\$ 39.14
4000	Masonry	\$ 4,414	\$ 2.77
5000	Metals	\$ 25,785	\$ 16.17
6000	Wood, Plastics & Composites	\$ 55,921	\$ 35.06
7000	Thermal & Moisture Protection	\$ 1,919	\$ 1.20
8000	Openings	\$ 20,590	\$ 12.91
9000	Finishes	\$ 74,909	\$ 46.96
11000	Specialties	\$ 19,679	\$ 12.34
22000	Plumbing	\$ 135,072	\$ 84.68
23000	HVAC	\$ 46,205	\$ 28.97
26000	Electrical	\$ 61,507	\$ 38.56
31000	Earthwork	\$ 4,158	\$ 2.61
32000	Exterior Improvements	\$ 3,540	\$ 2.22
TOTAL TRADE COST		\$ 574,743	\$ 360
OVERHEAD AND PROFIT	15%	\$ 86,211	\$ 54.05
INSURANCE	0%	\$ -	\$ -
CONTINGENCY	10%	\$ 57,474	\$ 36.03
TAX	0%	\$ -	\$ -
TOTAL TRADE COST		\$ 718,429	\$ 450

Date: 05/17/22

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS									
1	Permits	LS	1	0%	1	\$ -	\$ -	\$ 10,000.00	\$ 10,000
2	Supervision and Coordination	LS	1	0%	1	\$ -	\$ -	\$ 8,000.00	\$ 8,000
3	Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	\$ 5,000.00	\$ 5,000
4	Final Cleaning	LS	1	0%	1	\$ -	\$ -	\$ 5,000.00	\$ 5,000
5	Mobilization Costs	LS	1	0%	1	\$ -	\$ -	\$ 8,000.00	\$ 8,000
6	Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	\$ 5,000.00	\$ 5,000
7	Scaffolding	LS	1	0%	1	\$ -	\$ -	\$ 5,000.00	\$ 5,000
SUBTOTAL									\$ 46,000
DEMOLITION/ EXISTING CONDITIONS									
8	Remove Partition Wall	SF	670	0%	670	\$ 2.76	\$ -	\$ 2.76	\$ 1,849
9	Remove Existing Windows	EA	8	0%	8	\$ 85.00	\$ -	\$ 85.00	\$ 680
10	Remove Door & Frame	EA	6	0%	6	\$ 130.00	\$ -	\$ 130.00	\$ 780
11	Remove Existing Slab	SF	88	0%	88	\$ 18.00	\$ -	\$ 18.00	\$ 1,590
12	Remove Existing Floor	SF	238	0%	238	\$ 1.40	\$ -	\$ 1.40	\$ 334
13	Remove Plumbing Fixtures	EA	7	0%	7	\$ 120.00	\$ -	\$ 120.00	\$ 840
14	Remove Refrigerator	EA	1	0%	1	\$ 100.00	\$ -	\$ 100.00	\$ 100
15	Remove Countertop & Millwork	LF	26	0%	26	\$ 13.45	\$ -	\$ 13.45	\$ 351
16	Remove Closet Rods & Shelves	LF	13	0%	13	\$ 13.45	\$ -	\$ 13.45	\$ 179
17	Remove Furring Wall	LF	110	0%	110	\$ 5.56	\$ -	\$ 5.56	\$ 612
18	Remove 3'-6"W Stair Steps W/ 3'-6"x3'-6" Landing	EA	4	0%	4	\$ 13.45	\$ -	\$ 13.45	\$ 54
19	Remove Existing Masonry Wall	SF	720	0%	720	\$ 6.50	\$ -	\$ 6.50	\$ 4,680
20	Remove 2'-8" Stair Step	EA	2	0%	2	\$ 14.25	\$ -	\$ 14.25	\$ 29
21	Remove Existing Water Closet W/ Associates	EA	2	0%	2	\$ 40.00	\$ -	\$ 40.00	\$ 80
22	Remove Existing Lavatory W/ Associates	EA	3	0%	3	\$ 45.00	\$ -	\$ 45.00	\$ 135
23	Remove Existing Shower W/ Associates	EA	1	0%	1	\$ 80.00	\$ -	\$ 80.00	\$ 80
24	Remove Existing Range W/ Associates	EA	1	0%	1	\$ 80.00	\$ -	\$ 80.00	\$ 80
25	Remove Existing Kitchen Sink W/ Associates	EA	1	0%	1	\$ 65.00	\$ -	\$ 65.00	\$ 65
26	Remove Existing Refrigerator W/ Associates	EA	1	0%	1	\$ 100.00	\$ -	\$ 100.00	\$ 100
SUBTOTAL									\$ 12,617
CONCRETE									
Slab									
27	4" Thk. Slab On Grade W/ WWF 6x6 - W2.0xW2.0 Over - 15 Mil. Vapor Retarder Over - 6" Thk. #57 Crushed Stone Sub-Base Over - Controlled Compacted Fill - New to Existing Slab (9 LF): #4x1'-6" @ 12" OC. W/ HY-200 Adhesive Dowel (9 EA)	SF	115	10%	127	\$ 150.00	\$ 222.00	\$ 372.00	\$ 47,140
28	2'-6"D Reinforced Concrete Slab Perimeter Turndown	CY	3	10%	4	\$ 315.00	\$ 322.00	\$ 637.00	\$ 2,234
Footings									
29	4'-6"x1'-6" Conc. Footing - #5 @ 12" O.C. & #4 @ 18" O.C.	CY	5	10%	6	\$ 290.00	\$ 322.00	\$ 612.00	\$ 3,534
30	2'x1' Conc. Footing - #5 @ 12" O.C. & #4 @ 18" O.C.	CY	0.25	10%	0.27	\$ 290.00	\$ 322.00	\$ 612.00	\$ 168
31	5'x1'-6" Conc. Footing - #5 @ 12" O.C. & #4 @ 18" O.C.	CY	2.22	10%	2.44	\$ 290.00	\$ 322.00	\$ 612.00	\$ 1,496
32	3'-8"x1'-6" Footing - #5 @ 12" O.C. & #4 @ 18" O.C.	CY	1.63	10%	1.79	\$ 290.00	\$ 322.00	\$ 612.00	\$ 1,098
33	2'W Conc. Footing - #5 @ 12" O.C. & #4 @ 18" O.C.	CY	1	10%	1	\$ 290.00	\$ 322.00	\$ 612.00	\$ 770
34	3'-6"W Footing - #5 @ 12" O.C. & #4 @ 18" O.C.	CY	1	10%	1	\$ 290.00	\$ 322.00	\$ 612.00	\$ 91

BREAKDOWN OF ITEMS

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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
40	Aluminum Channel (AL-01), Powder Coated - Bolted To P.T. Wood Framing (4 EA)	LF	13	10%	15	\$ 5.55	\$ 65.00	\$ 70.55	\$ 1,043
	Guardrail								
41	36"H Steel Guard Rail At Window Per IRC 2012	LF	21	10%	23	\$ 18.65	\$ 44.30	\$ 62.95	\$ 1,440
	Downspout								
42	Aluminum Downspout	LF	28	10%	31	\$ 8.88	\$ 55.00	\$ 63.88	\$ 1,954
SUBTOTAL \$									25,785
WOOD PLASTICS & COMPOSITES									
	Floor Framing								
	Joists								
43	1.75x7.25LVL Floor Joists @ 16" OC.	SF	311	10%	342	\$ 1.30	\$ 4.80	\$ 6.10	\$ 2,085
44	9 1/2" TJI 110 Floor Joists @ 16" OC.	SF	285	10%	313	\$ 1.50	\$ 4.80	\$ 6.30	\$ 1,974
45	1.75x7.25LVL Balcony Joists @ 16" OC.	SF	35	10%	38	\$ 1.80	\$ 4.80	\$ 6.60	\$ 253
	Beam								
46	W8x24 Beam (Flush)	LF	110	10%	122	\$ 6.88	\$ 12.17	\$ 19.05	\$ 2,315
47	(4) - 1.75x9.5 LVL Beam (Flush)	LF	96	10%	106	\$ 8.00	\$ 13.18	\$ 21.18	\$ 2,245
48	1.75x9.5 LVL Ledger	LF	26	10%	28	\$ 8.00	\$ 14.18	\$ 22.18	\$ 630
	Roof Framing								
	Joists								
49	9 1/2" TJI 110 Roof Joists @ 16" OC.	SF	285	10%	314	\$ 2.25	\$ 8.25	\$ 10.50	\$ 3,293
	Wood Deck								
50	1/2" T&G Roof Sheathing	SF	336	10%	370	\$ 2.25	\$ 4.25	\$ 6.50	\$ 2,406
51	3/4" Sturd-I-Floor T&G Sheathing, Nail at 6" OC. Panel Edges & 12" O.C. Elsewhere With 6D Ringshank	SF	678	10%	745	\$ 2.25	\$ 5.25	\$ 7.50	\$ 5,589
	Stairs								
52	New 3"W Stair (9 SF)	Riser	2	0%	2	\$ 150.00	\$ 180.00	\$ 330.00	\$ 660
53	6'-10"W P.T. Wood Stair Tread: 11"W, Riser: 7"	Riser	5	0%	5	\$ 100.00	\$ 350.00	\$ 450.00	\$ 2,250
	Millwork								
	Base Cabinets	LF	33	10%	36	\$ 30.00	\$ 35.35	\$ 65.35	\$ 2,372
	Wall Hung Cabinets	LF	33	10	363	\$ 40.00	\$ 42.23	\$ 82.23	\$ 29,849
SUBTOTAL \$									55,921
THERMAL & MOISTURE PROTECTION									
	Thermal Insulation								
	1st Floor & Roof Insulation								
54	Option A: Batt Insulation Clipped to Underside of Sheathing Min. R-19, Proposed R-30 Basis of Design: Rockwool Comfortbatt R-30 Option B: Min. 5" Closed Cell Spray Foam Insulation. Basis of Design: ICYNENE PROSEAL LE @ R-7 Per Inch. Total R-Value - R- 28	SF	550	10%	605	\$ 0.50	\$ 1.75	\$ 2.25	\$ 1,361
	2nd Floor Insulation								
55	3 1/2" Thk. Thermafiber Batt Sound Insulation, Clipped to Underside of Sheathing	SF	298	10%	328	\$ 0.50	\$ 1.20	\$ 1.70	\$ 557
SUBTOTAL \$									1,919
OPENINGS									
	Doors								
56	3'x6'-8" Solid Wood Door (Type 06) W/ Frame - OPAQUE 20 SF Area	EA	1	0%	1	\$ 355.00	\$ 545.45	\$ 900.45	\$ 900
57	2'-6"x6'-8" Solid Wood Door (Type 04) W/ Frame	EA	3	0%	3	\$ 298.98	\$ 492.00	\$ 790.98	\$ 2,373
58	2'-6"x6'-8" Pocket Door W/ Louver (Type 03) & Frame	EA	1	0%	1	\$ 262.00	\$ 398.00	\$ 660.00	\$ 660
59	2'-6"x6'-8" Door (Type 05) W/ Louver	EA	1	0%	1	\$ 262.00	\$ 412.22	\$ 674.22	\$ 674
60	9'-6"x8'-6" - 3 Panel Folding Door System (Type 07) W/ Frame & Bugscreen - Basis of Design: CENTOR 205 SERIES - Outward Swinging. Black, Required Energy Efficiency: Fenestration Max U-Factor 0.35, Max SHGC 0.40, Max Air Infiltration Rate 0.3 CFM Per SQ FT. Listed & Labeled By Manufacturer	EA	1	0%	1	\$ 700.00	\$ 1,200.00	\$ 1,900.00	\$ 1,900
61	9'-6"x8'-6" - 3 Panel Folding Door System (Type 08) W/ Frame & Bugscreen - Basis of Design: CENTOR 211 SERIES - XOX SLIDER, Required Energy Efficiency: Fenestration Max U-Factor 0.35, Max SHGC 0.40, Max Air Infiltration Rate 0.3 CFM Per SQ FT. Listed & Labeled By Manufacturer	EA	1	0%	1	\$ 700.00	\$ 1,200.00	\$ 1,900.00	\$ 1,900
62	2'Wx6'-8"H Pocket Door (Type 01) - Solid Wood - Five Panel	EA	4	0%	4	\$ 358.00	\$ 533.50	\$ 891.50	\$ 3,566
63	3'x6'-8" Closet Sliding Door	EA	1	0%	1	\$ 400.00	\$ 625.00	\$ 1,025.00	\$ 1,025
64	2'-4"x6'-8" Pocket Door (Type 8) - Solid Wood - Five Panel	EA	1	0%	1	\$ 358.00	\$ 533.50	\$ 891.50	\$ 892
	Hardware								
65	Door Hardware (Detail Not Given)	EA	14	0%	14	\$ 50.00	\$ 350.00	\$ 400.00	\$ 5,600
	Windows								
66	3'Wx3'-6"H, Liding Window W/ Frame - Sill @ 40" A.F.F	EA	2	0%	2	\$ 200.00	\$ 350.00	\$ 550.00	\$ 1,100
SUBTOTAL \$									20,590
FINISHES									
	Drywalls								

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	Exterior Wall (Type 2B) As;	LF	29						
67	2x8 Wood Studs @ 16" O.C.	SF	93	10%	103	\$ 2.24	\$ 2.28	\$ 4.52	\$ 464
68	5/8" Thk. Type X Gypsum Board On Interior Side	SF	93	10%	103	\$ 1.50	\$ 0.52	\$ 2.02	\$ 207
69	5/8" Thk. Type X Gypsum Sheathing On Exterior Side	SF	93	10%	103	\$ 1.50	\$ 0.52	\$ 2.02	\$ 207
70	3/4" PT Furring Strips @ 16" O.C.	SF	93	10%	103	\$ 0.80	\$ 2.36	\$ 3.16	\$ 325
71	Commercial Building Wrap - Basis of Design: Densglass Fireguard	SF	93	10%	103	\$ 0.60	\$ 0.70	\$ 1.30	\$ 134
72	5 1/2" High Density Batt Insulation R-21	SF	93	10%	103	\$ 0.50	\$ 1.50	\$ 2.00	\$ 205
73	Sealant	LF	58	10%	64	\$ 0.48	\$ 0.15	\$ 0.63	\$ 40
	Exterior Wall (Type 2C) As;	LF	82						
74	2x6 Wood Studs @ 16" O.C.	SF	820	10%	902	\$ 1.88	\$ 1.94	\$ 3.82	\$ 3,446
75	5/8" Thk. Type X Gypsum Board On Interior Side	SF	820	10%	902	\$ 1.50	\$ 0.52	\$ 2.02	\$ 1,822
76	5/8" Thk. Type X Gypsum Sheathing On Exterior Side	SF	820	10%	902	\$ 1.50	\$ 0.52	\$ 2.02	\$ 1,822
77	3/4" PT Furring Strips @ 16" O.C.	SF	820	10%	902	\$ 0.80	\$ 2.36	\$ 3.16	\$ 2,850
78	Commercial Building Wrap - Basis of Design: Densglass Fireguard	SF	820	10%	902	\$ 0.60	\$ 0.70	\$ 1.30	\$ 1,173
79	3" Closed Cell Spray Foam Insulation R-21 - Basis Of Design: ICYNENE PROSEAL LE.	SF	820	10%	902	\$ 0.50	\$ 1.50	\$ 2.00	\$ 1,804
80	Sealant	LF	164	10%	180	\$ 0.48	\$ 0.15	\$ 0.63	\$ 114
	2'-9"H Exterior Wall (Type 2A) As;	LF	7						
81	2x8 Wood Studs @ 16" O.C.	SF	70	10%	77	\$ 2.24	\$ 2.28	\$ 4.52	\$ 348
82	5/8" Thk. Type X Gypsum Board On Interior Side	SF	70	10%	77	\$ 1.50	\$ 0.52	\$ 2.02	\$ 156
83	5/8" Thk. Type X Gypsum Sheathing On Exterior Side	SF	70	10%	77	\$ 1.50	\$ 0.52	\$ 2.02	\$ 156
84	3/4" PT Furring Strips @ 16" O.C.	SF	70	10%	77	\$ 0.80	\$ 2.36	\$ 3.16	\$ 243
85	Commercial Building Wrap - Basis of Design: Densglass Fireguard	SF	70	10%	77	\$ 0.60	\$ 0.70	\$ 1.30	\$ 100
86	3" Closed Cell Spray Foam Insulation R-21 - Basis Of Design: ICYNENE PROSEAL LE.	SF	70	10%	77	\$ 0.50	\$ 1.50	\$ 2.00	\$ 154
87	Sealant	LF	14	10%	15	\$ 0.48	\$ 0.15	\$ 0.63	\$ 10
	4'-6"H Exterior Wall (Type 4) As;	LF	19						
88	5/8" Gypsum Board Interior Side	SF	86	10%	94	\$ 1.50	\$ 0.52	\$ 2.02	\$ 190
89	2" Z-Furring Channel @ 16" O.C.	SF	86	10%	94	\$ 0.80	\$ 2.36	\$ 3.16	\$ 297
90	Bituminous Dampproofing	SF	86	10%	94	\$ 0.50	\$ 0.55	\$ 1.05	\$ 99
91	2" Closed Cell Spray Foam Insulation R-14 - Basis Of Design: ICYNENE PROSEAL LE.	SF	86	10%	94	\$ 0.50	\$ 1.50	\$ 2.00	\$ 188
92	Sealant	LF	38	10%	42	\$ 0.48	\$ 0.15	\$ 0.63	\$ 26
	Interior Wall (Type 3) As;	LF	25						
93	2x4 Wood Stud @ 16" O.C.	SF	196	10%	216	\$ 1.12	\$ 1.28	\$ 2.40	\$ 517
94	5/8" Thk. Type X Gypsum Board On Interior Side	SF	196	10%	216	\$ 1.50	\$ 0.52	\$ 2.02	\$ 436
95	5/8" Thk. Type X Gypsum Sheathing On Exterior Side	SF	196	10%	216	\$ 1.50	\$ 0.52	\$ 2.02	\$ 436
96	Commercial Building Wrap	SF	196	10%	216	\$ 0.60	\$ 0.70	\$ 1.30	\$ 280
97	3" Closed Cell Spray Foam Insulation R-21 - Basis Of Design: ICYNENE PROSEAL LE.	SF	196	10%	216	\$ 0.50	\$ 1.50	\$ 1.30	\$ 280
98	Sealant	LF	50	10%	55	\$ 0.48	\$ 0.15	\$ 2.00	\$ 110
	GWB Interior Wall	LF	171						
99	2x4 Wood Stud @ 16" O.C.	SF	1710	10%	1881	\$ 1.12	\$ 1.28	\$ 2.40	\$ 4,514
100	1/2" Gypsum Board Each Side	SF	3420	10%	3762	\$ 1.00	\$ 0.45	\$ 1.45	\$ 5,455
101	1/2" Densshield Board At Wet Locations	SF	403	10%	443	\$ 1.00	\$ 0.45	\$ 1.45	\$ 642
102	Sealant	LF	684	10%	752	\$ 0.48	\$ 0.15	\$ 0.63	\$ 474
	Furring Wall (Type 5D)	LF	18						
103	7/8" Furring Strips @ 16" O.C.	SF	180	10%	198	\$ 0.80	\$ 2.36	\$ 3.16	\$ 626
104	(1) Layer 1/2" Gypsum Board On Side	SF	180	10%	198	\$ 1.00	\$ 0.45	\$ 1.45	\$ 287
105	Sealant	LF	36	10%	40	\$ 0.48	\$ 0.15	\$ 0.63	\$ 25
	Furring Wall (Type 5A)	LF	21						
107	2x4 Wood Stud @ 16" O.C.	SF	210	10%	231	\$ 1.12	\$ 1.28	\$ 2.40	\$ 554
108	(1) Layer 1/2" Gypsum Board On Side	SF	210	10%	231	\$ 1.00	\$ 0.45	\$ 1.45	\$ 335
109	R-13 Batt Insulation	SF	210	10%	231	\$ 0.50	\$ 1.50	\$ 2.00	\$ 462
110	Sealant	LF	42	10%	46	\$ 0.48	\$ 0.15	\$ 0.63	\$ 29
	Flooring								
111	New Tile Flooring (Type Assumed)	SF	93	10%	102	\$ 5.11		\$ 5.11	\$ 520
112	New Wood Floor (Type Assumed)	SF	517	10%	569	\$ 5.11		\$ 5.11	\$ 2,906
113	Sealed Concrete Floor (Type Assumed)	SF	221	10%	243	\$ 3.28		\$ 3.28	\$ 797
	Ceiling								
114	Gypsum Board Ceiling - Clipped to Underside of Sheathing	SF	831	10%	914	\$ 1.50	\$ 2.44	\$ 3.94	\$ 3,602
	Wall Finish								
	Wall Base								
115	Wooden Wall Base	LF	300	10%	330	\$ 2.45	\$ 6.25	\$ 8.70	\$ 2,871
116	Tile Wall Base	LF	85	10%	94	\$ 2.45		\$ 2.45	\$ 229
	Exterior Finish								
117	Fiber Cement Siding, Through Color, 6"	SF	1011	10%	1112	\$ 1.50	\$ 5.00	\$ 6.50	\$ 7,225
	Paint								
	Wall Paint								

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118	Wall Paint	SF	6500	10%	7150	\$ 1.90	\$ 0.50	\$ 2.40	\$ 17,160
	Door Paint								
119	Door Paint (Assumed)	EA	14	10%	15	\$ 1.80	\$ 0.50	\$ 2.30	\$ 35
	Ceiling Paint								
120	Ceiling Paint (Assumed)	SF	831	10%	914	\$ 1.35	\$ 0.50	\$ 1.85	\$ 1,691
SUBTOTAL \$									69,079
SPECIALTIES									
	Countertop								
121	2'-1"W Solid Surface Countertop W/ 4" Backsplash	SF	27	10%	30			\$ -	\$ -
122	1'-9"W Solid Surface Countertop	SF	14	10%	15			\$ -	\$ -
123	2'-3"W Solid Surface Countertop W/ 4" Backsplash	SF	11	10%	12			\$ -	\$ -
124	3"W Countertop	SF	21	10%	23			\$ -	\$ -
	Skylight								
125	3'x2" Skylight - Max U Factor 0.55 - SHGC Max 0.40	EA	1	0%	1	\$ 100.00		\$ 100.00	\$ 100
126	Tubular Skighlight - Basis of Design: Solatube 290 ISn W/ Justfr	EA	2	0%	2	\$ 100.00		\$ 100.00	\$ 200
127	1'-4"x1'-4" Tubular Skighlight Diffuser, Square	EA	2	0%	2	\$ 50.00		\$ 50.00	\$ 100
SUBTOTAL \$									400
Plumbing									
	Cold Water Pipe								
	Type L Hard Drawn Copper W/ Wrought Copper Fittings (Assumed)								
128	1/2" Dia Cold Water Pipe	FT	156	10%	172	\$ 11.48	\$ 2.56	\$ 14.04	\$ 2,416.68
129	3/4" Dia Cold Water Pipe	FT	24	10%	26	\$ 12.54	\$ 3.08	\$ 15.62	\$ 406.53
130	1" Dia Cold Water Pipe	FT	39	10%	43	\$ 13.80	\$ 2.00	\$ 15.80	\$ 682.69
	Insulation								
	1/2" Thick Fiberglass Pipe Insulation (Assumed)								
131	1/2" Dia Cold Water Pipe	FT	156	10%	172	\$ 6.40	\$ 1.06	\$ 7.46	\$ 1,284.07
132	3/4" Dia Cold Water Pipe	FT	24	10%	26	\$ 6.60	\$ 1.15	\$ 7.75	\$ 201.70
133	1" Dia Cold Water Pipe	FT	39	10%	43	\$ 6.96	\$ 1.24	\$ 8.20	\$ 354.31
	Cold Water Pipe Fittings								
	Elbow								
134	1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	24	0%	24	\$ 40.00	\$ 15.00	\$ 55.00	\$ 1,320.00
135	1" Dia Cold Water Pipe 90 Deg Elbow	EA	3	0%	3	\$ 60.00	\$ 28.00	\$ 88.00	\$ 264.00
	Tee								
136	1/2" Dia Cold Water Pipe Tee	EA	8	0%	8	\$ 48.00	\$ 18.00	\$ 66.00	\$ 528.00
137	3/4" / 1/2" Dia Cold Water Pipe Tee	EA	4	0%	4	\$ 56.00	\$ 38.56	\$ 94.56	\$ 378.24
138	1" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ 70.00	\$ 32.00	\$ 102.00	\$ 204.00
139	1" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ 70.00	\$ 34.00	\$ 104.00	\$ 208.00
140	1" / 1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	\$ 102.00	\$ 46.00	\$ 148.00	\$ 148.00
	Reducer								
141	3/4" / 1/2" Dia Cold Water Pipe Reducer	EA	4	0%	4	\$ 72.00	\$ 35.00	\$ 107.00	\$ 428.00
142	1" / 3/4" Dia Cold Water Pipe Reducer	EA	2	0%	2	\$ 102.00	\$ 58.00	\$ 160.00	\$ 320.00
	Hot Water Pipe								
	Type L Hard Drawn Copper W/ Wrought Copper Fittings (Assumed)								
143	1/2" Dia Hot Water Pipe	FT	117	10%	129	\$ 12.00	\$ 3.02	\$ 15.02	\$ 1,932.58
144	3/4" Dia Hot Water Pipe	FT	24	10%	26	\$ 12.14	\$ 3.00	\$ 15.14	\$ 391.54
145	1" Dia Hot Water Pipe	FT	30	10%	33	\$ 13.50	\$ 3.50	\$ 17.00	\$ 556.51
	Insulation								
	3/4" Thick Fiberglass Pipe Insulation (Assumed)								
146	1/2" Dia Hot Water Pipe	FT	117	10%	129	\$ 6.40	\$ 1.00	\$ 7.40	\$ 952.14
147	3/4" Dia Hot Water Pipe	FT	24	10%	26	\$ 1.10	\$ 0.60	\$ 1.70	\$ 11.22
148	1" Dia Hot Water Pipe	FT	30	10%	33	\$ 1.50	\$ 0.70	\$ 2.20	\$ 15.40
	Hot Water Pipe Fittings								
	Elbow								
149	1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	18	0%	18	\$ 40.00	\$ 15.00	\$ 55.00	\$ 990.00
	Tee								
150	1/2" Dia Hot Water Pipe Tee	EA	4	0%	4	\$ 48.00	\$ 18.00	\$ 66.00	\$ 264.00
151	1" Dia Hot Water Pipe Tee	EA	1	0%	1	\$ 70.00	\$ 35.00	\$ 105.00	\$ 105.00
152	3/4" / 1/2" Dia Hot Water Pipe Tee	EA	3	0%	3	\$ 58.00	\$ 25.00	\$ 83.00	\$ 249.00
153	1" / 3/4" Dia Hot Water Pipe Tee	EA	2	0%	2	\$ 70.00	\$ 38.56	\$ 108.56	\$ 217.12
	Reducer								
154	3/4" / 1/2" Dia Hot Water Pipe Reducer	EA	4	0%	4	\$ 72.00	\$ 35.00	\$ 107.00	\$ 428.00
155	1" / 3/4" Dia Hot Water Pipe Reducer	EA	2	0%	2	\$ 102.00	\$ 28.80	\$ 130.80	\$ 261.60
	Gas Pipe								
	Sch 40 Black Steel								
156	1" Dia Gas Pipe	FT	15	10%	17	\$ 19.00	\$ 4.20	\$ 23.20	\$ 384.59
	Gas Pipe Fittings								
	Elbow								

BREAKDOWN OF ITEMS

Prepared for:

Project ID: X.Y.Z.

Scope: Renovation & Addition



Date: 05/17/22

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
157	1" Dia Gas Pipe 90 Deg Elbow	EA	3	0%	3	\$ 60.00	\$ 40.00	\$ 100.00	\$ 300.00
	Sewer Pipe Underground								
	Schedule 40 PVC Pipe W/ Fittings (Assumed)								
158	1-1/2" Dia Sewer Pipe	FT	2	10%	2	\$ 25.00	\$ 10.12	\$ 35.12	\$ 77.26
159	2" Dia Sewer Pipe	FT	35	10%	39	\$ 25.69	\$ 12.12	\$ 37.81	\$ 1,474.40
160	3" Dia Sewer Pipe	FT	33	10%	37	\$ 26.99	\$ 15.85	\$ 42.84	\$ 1,572.53
161	4" Dia Sewer Pipe	FT	42	10%	47	\$ 32.50	\$ 19.58	\$ 52.08	\$ 2,424.43
	Sewer Pipe Fittings								
	Elbow								
162	2" Dia Sewer Pipe 90 Deg Elbow	EA	3	0%	3	\$ 240.45	\$ 115.23	\$ 355.68	\$ 1,067.04
163	3" Dia Sewer Pipe 90 Deg Elbow	EA	4	0%	4	\$ 280.36	\$ 145.65	\$ 426.01	\$ 1,704.04
164	2" Dia Sewer Pipe 45 Deg Elbow	EA	1	0%	1	\$ 240.45	\$ 105.56	\$ 346.01	\$ 346.01
165	3" Dia Sewer Pipe 45 Deg Elbow	EA	6	0%	6	\$ 280.36	\$ 135.65	\$ 416.01	\$ 2,496.06
	Wye								
166	2" Dia Sewer Pipe Wye	EA	4	0%	4	\$ 305.00	\$ 135.32	\$ 440.32	\$ 1,761.28
167	3" Dia Sewer Pipe Wye	EA	3	0%	3	\$ 335.00	\$ 150.52	\$ 485.52	\$ 1,456.56
168	2" / 1-1/2" Dia Sewer Pipe Wye	EA	1	0%	1	\$ 340.00	\$ 155.58	\$ 495.58	\$ 495.58
169	3" / 2" Dia Sewer Pipe Wye	EA	3	0%	3	\$ 355.00	\$ 176.00	\$ 531.00	\$ 1,593.00
170	4" / 3" Dia Sewer Pipe Wye	EA	3	0%	3	\$ 375.56	\$ 210.36	\$ 585.92	\$ 1,757.76
	Reducer								
171	4" / 3" Dia Sewer Pipe Reducer	EA	1	0%	1	\$ 75.00	\$ 38.80	\$ 113.80	\$ 113.80
172	2" / 1-1/2" Dia Sewer Pipe Reducer	EA	2	0%	2	\$ 102.00	\$ 28.80	\$ 130.80	\$ 261.60
	Sewer Pipe Above grade								
	Schedule 40 PVC Pipe W/ Fittings (Assumed)								
173	1-1/2" Dia Sewer Pipe	FT	12	10%	14	\$ 24.00	\$ 10.12	\$ 34.12	\$ 468.40
174	2" Dia Sewer Pipe	FT	37	10%	41	\$ 25.02	\$ 12.12	\$ 37.14	\$ 1,518.13
175	3" Dia Sewer Pipe	FT	76	10%	84	\$ 25.99	\$ 15.85	\$ 41.84	\$ 3,519.46
	Sewer Pipe Fittings								
	Elbow								
176	1-1/2" Dia Sewer Pipe 90 Deg Elbow	EA	4	0%	4	\$ 220.35	\$ 105.25	\$ 325.60	\$ 1,302.40
177	2" Dia Sewer Pipe 90 Deg Elbow	EA	6	0%	6	\$ 240.45	\$ 115.23	\$ 355.68	\$ 2,134.08
178	3" Dia Sewer Pipe 90 Deg Elbow	EA	5	0%	5	\$ 280.36	\$ 145.65	\$ 426.01	\$ 2,130.05
179	1-1/2" Dia Sewer Pipe 45 Deg Elbow	EA	4	0%	4	\$ 215.50	\$ 98.58	\$ 314.08	\$ 1,256.32
180	2" Dia Sewer Pipe 45 Deg Elbow	EA	9	0%	9	\$ 240.45	\$ 105.56	\$ 346.01	\$ 3,114.09
181	3" Dia Sewer Pipe 45 Deg Elbow	EA	2	0%	2	\$ 280.36	\$ 135.65	\$ 416.01	\$ 832.02
	Wye								
182	1-1/2" Dia Sewer Pipe Wye	EA	1	0%	1	\$ 285.25	\$ 120.35	\$ 405.60	\$ 405.60
183	2" Dia Sewer Pipe Wye	EA	2	0%	2	\$ 305.00	\$ 135.32	\$ 440.32	\$ 880.64
184	3" Dia Sewer Pipe Wye	EA	3	0%	3	\$ 335.00	\$ 150.52	\$ 485.52	\$ 1,456.56
185	2" / 1-1/2" Dia Sewer Pipe Wye	EA	4	0%	4	\$ 340.00	\$ 155.58	\$ 495.58	\$ 1,982.32
186	3" / 2" Dia Sewer Pipe Wye	EA	4	0%	4	\$ 355.00	\$ 176.00	\$ 531.00	\$ 2,124.00
	Reducer								
187	2" / 1-1/2" Dia Sewer Pipe Reducer	EA	3	0%	3	\$ 60.00	\$ 28.00	\$ 88.00	\$ 264.00
188	3" / 2" Dia Sewer Pipe Reducer	EA	3	0%	3	\$ 75.00	\$ 35.00	\$ 110.00	\$ 330.00
	Vent Pipe								
	Schedule 40 PVC Pipe W/ Fittings (Assumed)								
189	1-1/2" Dia Vent Pipe	FT	91	10%	100	\$ 25.00	\$ 10.00	\$ 35.00	\$ 3,516.21
190	2" Dia Vent Pipe	FT	63	10%	69	\$ 26.00	\$ 12.00	\$ 38.00	\$ 2,618.35
	Vent Pipe Fittings								
	Elbow								
191	2" Dia Vent Pipe 90 Deg Elbow	EA	7	0%	7	\$ 240.00	\$ 105.00	\$ 345.00	\$ 2,415.00
192	1-1/2" Dia Vent Pipe 90 Deg Elbow	EA	11	0%	11	\$ 225.00	\$ 98.85	\$ 323.85	\$ 3,562.35
	Tee								
193	2" / 1-1/2" Dia Vent Pipe Tee	EA	4	0%	4	\$ 270.56	\$ 122.25	\$ 392.81	\$ 1,571.24
	Drain Tile								
	Schedule 40 PVC Pipe W/ Fittings (Assumed)								
194	4" Dia PVC Drain Tile W/ Filter Fabric	FT	4	10%	5	\$ 155.00	\$ 395.00	\$ 550.00	\$ 2,486.55
	Drain & Cleanouts								
195	2" Dia FD, Floor Drain	EA	2	0%	2	\$ 125.55	\$ 318.56	\$ 444.11	\$ 888.22
196	3" Dia CO, Cleanouts	EA	2	0%	2	\$ 138.56	\$ 345.66	\$ 484.22	\$ 968.43
	Plumbing Fixtures (Schedule Not Given)								
197	Water Closet	EA	4	0%	4	\$ 396.56		\$ 396.56	\$ 1,586.24
198	Lavatory	EA	5	0%	5	\$ 321.25		\$ 321.25	\$ 1,606.25
199	Bath Tub	EA	1	0%	1	\$ 1,340.52		\$ 1,340.52	\$ 1,340.52
200	Shower	EA	2	0%	2	\$ 31.00		\$ 31.00	\$ 62.00
201	Sink	EA	1	0%	1	\$ 350.00		\$ 350.00	\$ 350.00
202	Wash Box W/ OATEY Outlet Box W/ Hot & Cold Hook Ups	EA	1	0%	1	\$ 525.00		\$ 525.00	\$ 525.00
203	Dishwasher	EA	1	0%	1	\$ 410.00		\$ 410.00	\$ 410.00
204	Refrigerator	EA	1	0%	1	\$ 150.00		\$ 150.00	\$ 150.00

BREAKDOWN OF ITEMS

Prepared for:

Project ID: X.Y.Z.

Scope: Renovation & Addition



Date: 05/17/22

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
205	CB, Catch Basin	EA	1	0%	1	\$ 310.00		\$ 310.00	\$ 310.00
206	Range-A, 6.5 CFH	EA	1	0%	1	\$ 450.00		\$ 450.00	\$ 450.00
	Expansion Tank (Schedule Not Given)								
207	Expansion Tank	EA	1	0%	1	\$ 350.00	\$ 1,200.00	\$ 1,550.00	\$ 1,550.00
	Pumps (Schedule Not Given)								
208	ACP, Automatic Hot Water Circulating Pump	EA	1	0%	1	\$ 860.00	\$ 2,700.00	\$ 3,560.00	\$ 3,560.00
209	18"W x 24"D Sump Pump To Sewer W/ 3" CO	EA	1	0%	1	\$ 825.00	\$ 2,210.00	\$ 3,035.00	\$ 3,035.00
	MISC.								
210	1/2" Dia HB, Hose Bibb W/ Frost Proof Valve & Back Water Va	EA	1	0%	1	\$ 28.00	\$ 48.85	\$ 76.85	\$ 76.85
211	1" Dia BFP, Backflow Preventer	EA	1	0%	1	\$ 325.00	\$ 595.69	\$ 920.69	\$ 920.69
212	1" Dia Water Meter	EA	1	0%	1	\$ 235.00	\$ 690.00	\$ 925.00	\$ 925.00
213	3" Dia Backwater Valve W/ Extendable Co	EA	1	0%	1	\$ 150.00	\$ 230.00	\$ 380.00	\$ 380.00
214	1" Dia Gas Shut-Off Valve	EA	1	0%	1	\$ 100.00	\$ 150.00	\$ 250.00	\$ 250.00
215	1/2" Dia Ball Valve	EA	1	0%	1	\$ 150.00	\$ 180.00	\$ 330.00	\$ 330.00
216	1" Dia FFSO, Full Flow Shut-Off Valve	EA	2	0%	2	\$ 120.00	\$ 150.00	\$ 270.00	\$ 540.00
217	1" Dia PRV, Pressure Reducing Valve	EA	1	0%	1	\$ 150.00	\$ 180.85	\$ 330.85	\$ 330.85
218	1" Dia TTV, Pressure Reducing Valve	EA	1	0%	1	\$ 150.00	\$ 185.96	\$ 335.96	\$ 335.96
219	1" Dia BFP, Backflow Preventer	EA	1	0%	1	\$ 150.00	\$ 180.85	\$ 330.85	\$ 330.85
220	1" Dia Water Meter	EA	1	0%	1	\$ 50.00	\$ 39.99	\$ 89.99	\$ 39.99
221	3" Dia Backwater Valve W/ Extendable Co	EA	1	0%	1	\$ 150.00	\$ 325.25	\$ 475.25	\$ 325.25
222	1" Dia Gas Shut-Off Valve	EA	1	0%	1	\$ 120.00	\$ 230.56	\$ 350.56	\$ 230.56
223	1/2" Dia Ball Valve	EA	1	0%	1	\$ 100.00	\$ 128.89	\$ 228.89	\$ 128.89
224	1" Dia FFSO, Full Flow Shut-Off Valve	EA	2	0%	2	\$ 100.00	\$ 150.85	\$ 250.85	\$ 301.70
225	1" Dia PRV, Pressure Reducing Valve	EA	1	0%	1	\$ 150.00	\$ 185.65	\$ 335.65	\$ 185.65
226	1" Dia TTV, Pressure Reducing Valve	EA	1	0%	1	\$ 150.00	\$ 175.85	\$ 325.85	\$ 175.85
227	1" Dia Gas Pressure Regulator	EA	1	0%	1	\$ 150.00	\$ 124.56	\$ 274.56	\$ 124.56
228	1" Dia Union	EA	1	0%	1	\$ 80.00	\$ 85.00	\$ 165.00	\$ 85.00
229	1" Dia Gas Cock	EA	1	0%	1	\$ 20.00	\$ 80.23	\$ 100.23	\$ 80.23
230	2" Dia VTR, Vent Through Roof	EA	3	0%	3	\$ 10.00	\$ 200.56	\$ 210.56	\$ 601.68
	PVC Pipe Couplings								
231	1-1/2" Dia Coupling	EA	10	0%	10	\$ 4.12	\$ 2.25	\$ 6.37	\$ 63.70
232	2" Dia Coupling	EA	12	0%	12	\$ 4.30	\$ 2.61	\$ 6.91	\$ 82.92
233	3" Dia Coupling	EA	10	0%	10	\$ 4.95	\$ 2.75	\$ 7.70	\$ 77.00
234	4" Dia Coupling	EA	4	0%	4	\$ 5.35	\$ 3.55	\$ 8.90	\$ 35.60
	Pipe Support								
235	1/2" Dia Adjustable Clevis Hanger	EA	45	0%	45	\$ 8.90	\$ 1.89	\$ 10.79	\$ 485.55
236	3/4" Dia Adjustable Clevis Hanger	EA	8	0%	8	\$ 9.03	\$ 1.58	\$ 10.61	\$ 84.88
237	1" Dia Adjustable Clevis Hanger	EA	12	0%	12	\$ 8.95	\$ 1.65	\$ 10.60	\$ 127.20
238	1-1/2" Dia Adjustable Clevis Hanger	EA	17	0%	17	\$ 9.50	\$ 1.78	\$ 11.28	\$ 191.76
239	2" Dia Adjustable Clevis Hanger	EA	9	0%	9	\$ 9.72	\$ 2.21	\$ 11.93	\$ 107.37
240	3" Dia Adjustable Clevis Hanger	EA	7	0%	7	\$ 11.00	\$ 4.20	\$ 15.20	\$ 106.40
241	1/2" Dia Threaded Rod (1 Ea = 1 FT)	EA	82	0%	82	\$ 9.92	\$ 4.85	\$ 14.77	\$ 1,211.14
242	3/8" Dia Threaded Rod (1 Ea = 1 FT)	EA	16	0%	16	\$ 11.00	\$ 5.25	\$ 16.25	\$ 260.00
	Trenching & Backfilling								
243	Excavation & Backfilling (3' Deep x 1' Wide Trench) including all labor and material/equipment.	CFT	333	0%	333	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$									101,017
HVAC									
	Refrigerant Pipe								
	Type L Copper Tubing W/ Brazed Joints								
244	3/8" Dia Refrigeration Liquid Pipe	LF	26	10%	29	\$ 11.12	\$ 2.29	\$ 13.41	\$ 383.53
245	5/8" Dia Refrigeration Suction Pipe	LF	26	10%	29	\$ 12.63	\$ 6.24	\$ 18.87	\$ 539.68
	Insulation								
	3/4" Thick, UV Resistant Elastomeric Pipe Insulation								
246	3/8" Dia Refrigeration Liquid Pipe	LF	26	10%	29	\$ 5.88	\$ 0.55	\$ 6.43	\$ 183.90
247	5/8" Dia Refrigeration Suction Pipe	LF	26	10%	29	\$ 6.24	\$ 0.65	\$ 6.89	\$ 197.05
	Refrigerant Pipe Fittings								
	Elbow								
248	3/8" Dia Refrigeration Liquid Pipe 90 Deg Elbow	EA	4	0%	4	\$ 50.00	\$ 26.99	\$ 76.99	\$ 307.96
249	5/8" Dia Refrigeration Suction Pipe 90 Deg Elbow	EA	4	0%	4	\$ 65.00	\$ 32.99	\$ 97.99	\$ 391.96
	Condensate Drain Pipe								
	Schedule 40 PVC Pipe W/ Fittings								
250	1-1/2" Dia Condensate Drain Pipe	LF	18	10%	20	\$ 13.35	\$ 3.56	\$ 16.91	\$ 334.82
	Insulation								
	1/2" Thick Fiberglass Pipe Insulation (Assumed)								
251	1-1/2" Dia Condensate Drain Pipe	LF	18	10%	20	\$ 1.50	\$ 3.56	\$ 5.06	\$ 100.19
	Condensate Drain Pipe Fittings								
	Elbow								
252	1/2" Dia Condensate Drain Pipe 90 Deg Elbow	EA	3	0%	3	\$ 50.00	\$ 2.96	\$ 52.96	\$ 158.88

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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
	Air Devices								
253	CR, Supply Register, 10"x6" Face Size, 2" Dia Neck Size, 60 CFM	EA	19	0%	19	\$ 12.00	\$ 90.00	\$ 102.00	\$ 1,938.00
254	CRET, Intake Grille, 12"x12" Face Size, 8" Dia Neck Size, 1150 CFM	EA	1	0%	1	\$ 15.00	\$ 120.00	\$ 135.00	\$ 135.00
	Condensing Unit								
255	Condensing Unit, GOODMAN DSXC160361A CAPF3642A6D, 240V	EA	1	0%	1	\$ 200.00	\$ 2,500.00	\$ 2,700.00	\$ 2,700.00
	Split AC								
256	Split AC, GOODMAN GSX130241D+CAPP1824A6D+G*EC960	EA	1	0%	1	\$ 200.00	\$ 3,500.00	\$ 3,700.00	\$ 3,700.00
	Gas Furnace								
257	Gas Furnace, GOODMAN GMCC9603028N, 700 CFM, 29000 BTU	EA	1	0%	1	\$ 100.00	\$ 500.00	\$ 600.00	\$ 600.00
	Fan								
258	Bath Room Exhaust Fan, GE OVER RANGE HOOD JVX5365JSS, 110V	EA	1	0%	1	\$ 50.00	\$ 198.00	\$ 248.00	\$ 248.00
259	Kitchen Exhaust Fan, BROAN LP-80, 50 CFM, 120V/1Ph, Ceiling	EA	1	0%	1	\$ 50.00	\$ 262.32	\$ 312.32	\$ 312.32
	Louver								
260	8" Dia Roof Intake Auto. Louvered, 42.42 CFM W/ Closing Gravity	EA	1	0%	1	\$ 120.00	\$ 350.00	\$ 470.00	\$ 470.00
	Radiator								
261	Radiator	EA	8	0%	8	\$ 150.00	\$ 130.00	\$ 280.00	\$ 2,240.00
	Damper								
262	6" Dia Motorized Damper	EA	1	0%	1	\$ 150.00	\$ 218.00	\$ 368.00	\$ 368.00
	Thermostat								
263	Thermostat	EA	1	0%	1	\$ 50.00	\$ 149.00	\$ 199.00	\$ 199.00
	Cap								
264	6" Dia Roof Cap	EA	1	0%	1	\$ 10.00	\$ 44.65	\$ 54.65	\$ 54.65
265	4" Dia Roof Vent W/Cap 50 CFM	EA	2	0%	2	\$ 10.00	\$ 26.73	\$ 36.73	\$ 73.46
	Misc.								
266	Stainless Steel Drain Pan	EA	1	0%	1	\$ 5.55	\$ 14.00	\$ 19.55	\$ 19.55
	Duct Weight								
267	Galvanized Sheet Metal Duct	LB	372	0%	372	\$ 5.55	\$ 25.96	\$ 31.51	\$ 11,721.72
	Duct Installation								
268	2" Thick Fiberglass Duct Insulation, 3/4 LB DT3 Density, W/ Foil Vapor Barrier.	SQFT	335	0%	335	\$ 2.25	\$ 18.00	\$ 20.25	\$ 6,783.75
269	1" Thick R-8 Insulation (For PVC Duct) (Thickness assumed)	LF	339	10%	373	\$ 0.50	\$ 1.50	\$ 2.00	\$ 745.80
	Pipe Support								
270	3/8" Dia Adjustable Clevis Hanger	EA	4	0%	4	\$ 10.00	\$ 50.00	\$ 60.00	\$ 240.00
271	5/8" Dia Adjustable Clevis Hanger	EA	4	0%	4	\$ 12.00	\$ 60.25	\$ 72.25	\$ 289.00
272	1-1/2" Dia Adjustable Clevis Hanger	EA	3	0%	3	\$ 12.00	\$ 95.60	\$ 107.60	\$ 322.80
273	1/2" Dia Threaded Rod (1 Ea = 1 FT)	EA	10	0%	10	\$ 12.00	\$ 75.56	\$ 87.56	\$ 875.60
	Duct Support								
274	3/8" Threaded Rod	EA	104	0%	104	\$ 12.00	\$ 75.56	\$ 87.56	\$ 9,106.24
275	1" x 22 Ga. Strap	EA	52	0%	52	\$ 2.25	\$ 6.67	\$ 8.92	\$ 463.84
SUBTOTAL \$									46,205
ELECTRICAL									
	Distribution								
	Conduit								
276	2" PVC SCH 40 Conduit (Length Assumed)	EA	240	10%	264	\$ 4.70	\$ 2.23	\$ 6.93	\$ 1,829.52
	Conductor								
277	#6 WHHW (Length Assumed)	EA	720	10%	792	\$ 2.88	\$ 1.80	\$ 4.68	\$ 3,706.56
	Termination								
278	Compression Lugs CU With 1-Hole. #6 CU Wire	EA	18	0%	18	\$ 1.60	\$ 9.36	\$ 10.96	\$ 197.28
279	Heat Shrink Tubing For #6 CU Wire	EA	18	0%	18	\$ 0.95	\$ 6.80	\$ 7.75	\$ 139.50
	Breakers								
280	1P/15A Breaker	EA	20	0%	20	\$ 96.90	\$ 250.00	\$ 346.90	\$ 6,938.00
281	1P/15A GFCI Breaker	EA	1	0%	1	\$ 100.12	\$ 312.28	\$ 412.40	\$ 412.40
282	1P/20A Breaker	EA	8	0%	8	\$ 109.01	\$ 375.00	\$ 484.01	\$ 3,872.08
283	2P/25A Breaker	EA	1	0%	1	\$ 110.23	\$ 400.12	\$ 510.35	\$ 510.35
284	2P/30A Breaker	EA	2	0%	2	\$ 115.25	\$ 432.32	\$ 547.57	\$ 1,095.14
285	2P/50A Breaker	EA	1	0%	1	\$ 115.25	\$ 465.65	\$ 580.90	\$ 580.90
286	2P/60A Breaker	EA	1	0%	1	\$ 118.25	\$ 500.50	\$ 618.75	\$ 618.75
287	2P/200A MCB	EA	1	0%	1	\$ 119.36	\$ 565.36	\$ 684.72	\$ 684.72
	Panels								
288	Panel B: 200A, 120/240V, 1PH, 3W, Mains: MCB, 39 Poles, 10K AIC	EA	1	0%	1	\$ 899.98	\$ 2,000.50	\$ 2,900.48	\$ 2,900.48
	Disconnect Switches								
289	2P/30A Disconnect Switch, WP	EA	1	0%	1	\$ 20.63	\$ 265.00	\$ 285.63	\$ 285.63
290	2P/60A/15A Fuse Disconnect Switch, WP	EA	1	0%	1	\$ 20.63	\$ 350.25	\$ 370.88	\$ 370.88
	Grounding								
291	3/4" Grounding Rod	EA	2	0%	2	\$ 0.97	\$ 0.95	\$ 1.92	\$ 3.84
292	#6 Grounding Wire (Length Assumed)	FT	100	10%	110	\$ 0.68	\$ 0.44	\$ 1.12	\$ 123.20
293	#1/0 Grounding Wire (Length Assumed)	FT	50	10%	55	\$ 1.00	\$ 0.85	\$ 1.85	\$ 101.75
	Power								

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
	Conduit								
294	3/4" EMT Conduit	FT	880	10%	968	\$ 3.41	\$ 1.07	\$ 4.48	\$ 4,336.64
295	1" EMT Conduit	FT	219	10%	241	\$ 3.59	\$ 0.86	\$ 4.45	\$ 1,072.01
296	3/4" RGS Conduit	FT	5	10%	6	\$ 4.41	\$ 1.25	\$ 5.66	\$ 31.94
297	1" RGS Conduit	FT	10	10%	11	\$ 3.59	\$ 0.96	\$ 4.55	\$ 49.80
	Conductor								
298	2#10, #14 MC Cable	FT	253	10%	278	\$ 0.44	\$ 0.21	\$ 0.65	\$ 179.41
299	2#10, #12 MC Cable	FT	55	10%	60	\$ 0.44	\$ 0.21	\$ 0.65	\$ 38.74
300	#14 CU THHN/THWN	FT	610	10%	671	\$ 0.40	\$ 0.10	\$ 0.50	\$ 335.50
301	#12 CU THHN/THWN	FT	416	10%	458	\$ 0.40	\$ 0.11	\$ 0.51	\$ 231.55
302	#10 CU THHN/THWN	FT	1784	10%	1962	\$ 0.40	\$ 0.21	\$ 0.61	\$ 1,197.06
303	#8 CU THHN/THWN	FT	74	10%	81	\$ 0.40	\$ 0.32	\$ 0.72	\$ 58.43
304	#6 CU THHN/THWN	FT	458	10%	504	\$ 0.40	\$ 0.43	\$ 0.83	\$ 418.15
	Device								
305	220V Special Receptacle	EA	3	0%	3	\$ 39.88	\$ 145.45	\$ 185.33	\$ 555.99
306	Ceiling Fan	EA	1	0%	1	\$ 50.00	\$ 550.00	\$ 600.00	\$ 600.00
307	Double Duplex Receptacle	EA	1	0%	1	\$ 99.00	\$ 131.18	\$ 230.18	\$ 230.18
308	Duplex Receptacle	EA	41	0%	41	\$ 99.00	\$ 110.23	\$ 209.23	\$ 8,578.43
309	Equipment Connection	EA	4	0%	4	\$ 8.00	\$ 20.00	\$ 28.00	\$ 112.00
310	Exhaust Fan Connection (Assumed)	EA	3	0%	3	\$ 5.00	\$ 20.00	\$ 25.00	\$ 75.00
311	Garbage Disposal With Disconnect Switch	EA	1	0%	1	\$ 5.00	\$ 14.00	\$ 19.00	\$ 19.00
312	GFCI Duplex Receptacle, ARLINGTON Brand	EA	7	0%	7	\$ 32.84	\$ 99.00	\$ 131.84	\$ 922.88
313	GFCI Tamper Proof Duplex Receptacle	EA	10	0%	10	\$ 42.32	\$ 135.56	\$ 177.88	\$ 1,778.80
314	Single Pole Switch	EA	17	0%	17	\$ 5.00	\$ 14.00	\$ 19.00	\$ 323.00
	Lighting								
	Conduit								
315	3/4" EMT Conduit	FT	958	10%	1054	\$ 3.41	\$ 1.07	\$ 4.48	\$ 4,721.02
	Conductor								
316	2#10 #14 MC Cable	FT	264	10%	290	\$ 0.44	\$ 0.21	\$ 0.65	\$ 187.31
317	2#10, #12 MC Cable	FT	59	10%	65	\$ 0.44	\$ 0.21	\$ 0.65	\$ 41.63
318	#14 CU THHN/THWN	FT	849	10%	934	\$ 0.40	\$ 0.10	\$ 0.50	\$ 466.95
319	#12 CU THHN/THWN	FT	109	10%	120	\$ 0.40	\$ 0.11	\$ 0.51	\$ 60.77
320	#10 CU THHN/THWN	FT	1916	10%	2108	\$ 0.40	\$ 0.21	\$ 0.61	\$ 1,285.64
	Lighting Fixtures								
321	M, Ceiling Mounted Lighting Fixture	EA	3	0%	3	\$ 5.55		\$ 5.55	\$ 16.65
322	P, Pendant Lighting Fixture	EA	2	0%	2	\$ 6.55		\$ 6.55	\$ 13.10
323	R1, Round Lighting Fixture	EA	42	0%	42	\$ 5.55		\$ 5.55	\$ 233.10
324	R2, Round Lighting Fixture	EA	2	0%	2	\$ 5.55		\$ 5.55	\$ 11.10
325	ST1, Strip Lighting Fixture	EA	1	0%	1	\$ 8.00		\$ 8.00	\$ 8.00
326	ST2, Strip Lighting Fixture (1'-10")	EA	2	0%	2	\$ 8.00		\$ 8.00	\$ 16.00
327	ST2, Strip Lighting Fixture (2'-8")	EA	1	0%	1	\$ 8.00		\$ 8.00	\$ 8.00
328	W1, Wall Mounted Lighting Fixture	EA	4	0%	4	\$ 12.00		\$ 12.00	\$ 48.00
329	W2, Wall Mounted Lighting Fixture	EA	7	0%	7	\$ 12.00		\$ 12.00	\$ 84.00
	Lighting Control								
330	Single Pole Switch	EA	23	0%	23	\$ 3.50	\$ 14.00	\$ 17.50	\$ 402.50
	Fire Alarm								
	Conduit								
331	3/4" EMT Conduit	FT	85	10%	94	\$ 3.41	\$ 1.07	\$ 4.48	\$ 418.88
	Conductor								
332	#14 CU THHN/THWN	FT	85	10%	94	\$ 0.40	\$ 0.10	\$ 0.50	\$ 46.75
333	#10 CU THHN/THWN	FT	170	10%	187	\$ 0.44	\$ 0.21	\$ 0.65	\$ 121.55
	Device								
334	Smoke Detector	EA	2	0%	2	\$ 80.00	\$ 119.00	\$ 199.00	\$ 398.00
335	Smoke/Carbon Monoxide Detector	EA	4	0%	4	\$ 85.00	\$ 129.00	\$ 214.00	\$ 856.00
	Miscellaneous								
336	Junction Box	EA	2	0%	2	\$ 30.00	\$ 55.00	\$ 85.00	\$ 170.00
	Fire Stopping								
337	Caulking Sealant	LS	1	0%	1	\$ 50.00	\$ 100.00	\$ 150.00	\$ 150.00
	Trenching								
338	Saw Cut & Repair Concrete Floor For Conduit Installation	FT	240	0%	240	\$ 4.44	\$ 3.50	\$ 7.94	\$ 1,905.60
SUBTOTAL \$									57,186
EARTHWORK									
	Excavation								
339	Total Cut	CY	63	20%	76	\$ 55.00	\$ -	\$ 55.00	\$ 4,158
SUBTOTAL \$									4,158
EXTERIOR IMPROVEMENTS									
	Paving								
340	Conc. Paving	SF	59	10%	64	\$ 15.00	\$ 40.00	\$ 55.00	\$ 3,540
SUBTOTAL \$									3,540
PROJECTED COST							\$511,259		

BREAKDOWN OF ITEMS

Prepared for:

Project ID: **X.Y.Z.**Scope: **Renovation & Addition**Date: **05/17/22**

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
HEAD AND PROFIT						0.15	0.15	15%	\$76,689
INSURANCE						0	0	0%	\$0
CONTINGENCY						0	0	10%	\$51,126
TAX						0	0	0%	\$0
SUGGESTED BID									\$639,074

Note:

1. Please verify the equipment's and their prices with owner.
2. For tree plantation average prices are use. Please verify according to tree type.
3. Online sources are used for pricing.
4. Prices can vary depending upon field conditions.

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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS									
1	Permits	LS	1	0%	1	\$ -	\$ -	\$ 10,000.00	\$ 10,000
2	Supervision and Coordination	LS	1	0%	1	\$ -	\$ -	\$ 8,000.00	\$ 8,000
3	Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	\$ 5,000.00	\$ 5,000
4	Final Cleaning	LS	1	0%	1	\$ -	\$ -	\$ 5,000.00	\$ 5,000
5	Mobilization Costs	LS	1	0%	1	\$ -	\$ -	\$ 8,000.00	\$ 8,000
6	Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	\$ 5,000.00	\$ 5,000
7	Scaffolding	LS	1	0%	1	\$ -	\$ -	\$ 5,000.00	\$ 5,000
SUBTOTAL									\$ 46,000
DEMOLITION/ EXISTING CONDITIONS									
8	Remove Partition Wall	SF	670	0%	670	\$ 2.76	\$ -	\$ 2.76	\$ 1,849
9	Remove Existing Windows	EA	8	0%	8	\$ 85.00	\$ -	\$ 85.00	\$ 680
10	Remove Door & Frame	EA	6	0%	6	\$ 130.00	\$ -	\$ 130.00	\$ 780
11	Remove Existing Slab	SF	88	0%	88	\$ 18.00	\$ -	\$ 18.00	\$ 1,590
12	Remove Existing Floor	SF	238	0%	238	\$ 1.40	\$ -	\$ 1.40	\$ 334
13	Remove Plumbing Fixtures	EA	7	0%	7	\$ 120.00	\$ -	\$ 120.00	\$ 840
14	Remove Refrigerator	EA	1	0%	1	\$ 100.00	\$ -	\$ 100.00	\$ 100
15	Remove Countertop & Millwork	LF	26	0%	26	\$ 13.45	\$ -	\$ 13.45	\$ 351
16	Remove Closet Rods & Shelves	LF	13	0%	13	\$ 13.45	\$ -	\$ 13.45	\$ 179
17	Remove Furring Wall	LF	110	0%	110	\$ 5.56	\$ -	\$ 5.56	\$ 612
18	Remove 3'-6"W Stair Steps W/ 3'-6"x3'-6" Landing	EA	4	0%	4	\$ 13.45	\$ -	\$ 13.45	\$ 54
19	Remove Existing Masonry Wall	SF	720	0%	720	\$ 6.50	\$ -	\$ 6.50	\$ 4,680
20	Remove 2'-8" Stair Step	EA	2	0%	2	\$ 14.25	\$ -	\$ 14.25	\$ 29
21	Remove Existing Water Closet W/ Associates	EA	2	0%	2	\$ 40.00	\$ -	\$ 40.00	\$ 80
22	Remove Existing Lavatory W/ Associates	EA	3	0%	3	\$ 45.00	\$ -	\$ 45.00	\$ 135
23	Remove Existing Shower W/ Associates	EA	1	0%	1	\$ 80.00	\$ -	\$ 80.00	\$ 80
24	Remove Existing Range W/ Associates	EA	1	0%	1	\$ 80.00	\$ -	\$ 80.00	\$ 80
25	Remove Existing Kitchen Sink W/ Associates	EA	1	0%	1	\$ 65.00	\$ -	\$ 65.00	\$ 65
26	Remove Existing Refrigerator W/ Associates	EA	1	0%	1	\$ 100.00	\$ -	\$ 100.00	\$ 100
SUBTOTAL									\$ 12,617
CONCRETE									
27	Slab 4" Thk. Slab On Grade W/ WWF 6x6 - W2.0xW2.0 Over - 15 Mil. Vapor Retarder Over - 6" Thk. #57 Crushed Stone Sub-Base Over - Controlled Compacted Fill - New to Existing Slab (9 LF): #4x1'-6" @ 12" OC. W/ HY- 200 Adhesive Dowel (9 EA)	SF	115	10%	127	\$ 150.00	\$ 222.00	\$ 372.00	\$ 47,140
28	2'-6"D Reinforced Concrete Slab Perimeter Turndown	CY	3	10%	4	\$ 315.00	\$ 322.00	\$ 637.00	\$ 2,234
29	Footings 4'-6"x1'-6" Conc. Footing - #5 @ 12" O.C. & #4 @ 18" O.C.	CY	5	10%	6	\$ 290.00	\$ 322.00	\$ 612.00	\$ 3,534
30	2'x1' Conc. Footing - #5 @ 12" O.C. & #4 @ 18" O.C.	CY	0.25	10%	0.27	\$ 290.00	\$ 322.00	\$ 612.00	\$ 168
31	5'x1'-6" Conc. Footing - #5 @ 12" O.C. & #4 @ 18" O.C.	CY	2.22	10%	2.44	\$ 290.00	\$ 322.00	\$ 612.00	\$ 1,496
32	3'-8"x1'-6" Footing - #5 @ 12" O.C. & #4 @ 18" O.C.	CY	1.63	10%	1.79	\$ 290.00	\$ 322.00	\$ 612.00	\$ 1,098
33	2'W Conc. Footing - #5 @ 12" O.C. & #4 @ 18" O.C.	CY	1	10%	1	\$ 290.00	\$ 322.00	\$ 612.00	\$ 770
34	3'-6"W Footing - #5 @ 12" O.C. & #4 @ 18" O.C.	CY	1	10%	1	\$ 290.00	\$ 322.00	\$ 612.00	\$ 916
35	Retaining Wall 8" Conc. Retaining Wall - #5 @ 12" O.C. Vertical Bars & #4 @ 18" Longitudinal Bars	CY	7	10%	7	\$ 290.00	\$ 322.00	\$ 612.00	\$ 4,429
36	Stem Wall 6 1/4" Thk. Reinforced Concrete Stem Wall	CY	1	10%	1	\$ 290.00	\$ 322.00	\$ 612.00	\$ 644
SUBTOTAL									\$ 62,429
MASONRY									
37	Stair 2'-8"W Masonry Stair, Tread: 11"W, Riser: 7"	Riser	7	0%	7	\$ 175.00	\$ 455.58	\$ 630.58	\$ 4,414
SUBTOTAL									\$ 4,414
METALS									
38	Ornamental Metals Metal Coping 4"	LF	41	10%	45	\$ 5.55	\$ 9.50	\$ 15.05	\$ 676
39	Structural Metals Column W8x24 Column Beam	LF	116	10%	128	\$ 12.00	\$ 150.00	\$ 162.00	\$ 20,671

BREAKDOWN OF ITEMS

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Date: 05/17/22

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
40	Aluminum Channel (AL-01), Powder Coated - Bolted To P.T. Wood Framing (4 EA)	LF	13	10%	15	\$ 5.55	\$ 65.00	\$ 70.55	\$ 1,043
	Guardrail								
41	36"H Steel Guard Rail At Window Per IRC 2012	LF	21	10%	23	\$ 18.65	\$ 44.30	\$ 62.95	\$ 1,440
	Downspout								
42	Aluminum Downspout	LF	28	10%	31	\$ 8.88	\$ 55.00	\$ 63.88	\$ 1,954
SUBTOTAL \$									25,785
WOOD PLASTICS & COMPOSITES									
	Floor Framing								
	Joists								
43	1.75x7.25LVL Floor Joists @ 16" OC.	SF	311	10%	342	\$ 1.30	\$ 4.80	\$ 6.10	\$ 2,085
44	9 1/2" TJI 110 Floor Joists @ 16" OC.	SF	285	10%	313	\$ 1.50	\$ 4.80	\$ 6.30	\$ 1,974
45	1.75x7.25LVL Balcony Joists @ 16" OC.	SF	35	10%	38	\$ 1.80	\$ 4.80	\$ 6.60	\$ 253
	Beam								
46	W8x24 Beam (Flush)	LF	110	10%	122	\$ 6.88	\$ 12.17	\$ 19.05	\$ 2,315
47	(4) - 1.75x9.5 LVL Beam (Flush)	LF	96	10%	106	\$ 8.00	\$ 13.18	\$ 21.18	\$ 2,245
48	1.75x9.5 LVL Ledger	LF	26	10%	28	\$ 8.00	\$ 14.18	\$ 22.18	\$ 630
	Roof Framing								
	Joists								
49	9 1/2" TJI 110 Roof Joists @ 16" OC.	SF	285	10%	314	\$ 2.25	\$ 8.25	\$ 10.50	\$ 3,293
	Wood Deck								
50	1/2" T&G Roof Sheathing	SF	336	10%	370	\$ 2.25	\$ 4.25	\$ 6.50	\$ 2,406
51	3/4" Sturd-I-Floor T&G Sheathing, Nail at 6" OC. Panel Edges & 12" O.C. Elsewhere With 6D Ringshank	SF	678	10%	745	\$ 2.25	\$ 5.25	\$ 7.50	\$ 5,589
	Stairs								
52	New 3"W Stair (9 SF)	Riser	2	0%	2	\$ 150.00	\$ 180.00	\$ 330.00	\$ 660
53	6'-10"W P.T. Wood Stair Tread: 11"W, Riser: 7"	Riser	5	0%	5	\$ 100.00	\$ 350.00	\$ 450.00	\$ 2,250
	Millwork								
	Base Cabinets	LF	33	10%	36	\$ 30.00	\$ 35.35	\$ 65.35	\$ 2,372
	Wall Hung Cabinets	LF	33	10	363	\$ 40.00	\$ 42.23	\$ 82.23	\$ 29,849
SUBTOTAL \$									55,921
THERMAL & MOISTURE PROTECTION									
	Thermal Insulation								
	1st Floor & Roof Insulation								
54	Option A: Batt Insulation Clipped to Underside of Sheathing Min. R-19, Proposed R-30 Basis of Design: Rockwool Comfortbatt R-30 Option B: Min. 5" Closed Cell Spray Foam Insulation. Basis of Design: ICYNENE PROSEAL LE @ R-7 Per Inch. Total R-Value - R- 28	SF	550	10%	605	\$ 0.50	\$ 1.75	\$ 2.25	\$ 1,361
	2nd Floor Insulation								
55	3 1/2" Thk. Thermafiber Batt Sound Insulation, Clipped to Underside of Sheathing	SF	298	10%	328	\$ 0.50	\$ 1.20	\$ 1.70	\$ 557
SUBTOTAL \$									1,919
OPENINGS									
	Doors								
56	3'x6'-8" Solid Wood Door (Type 06) W/ Frame - OPAQUE 20 SF Area	EA	1	0%	1	\$ 355.00	\$ 545.45	\$ 900.45	\$ 900
57	2'-6"x6'-8" Solid Wood Door (Type 04) W/ Frame	EA	3	0%	3	\$ 298.98	\$ 492.00	\$ 790.98	\$ 2,373
58	2'-6"x6'-8" Pocket Door W/ Louver (Type 03) & Frame	EA	1	0%	1	\$ 262.00	\$ 398.00	\$ 660.00	\$ 660
59	2'-6"x6'-8" Door (Type 05) W/ Louver	EA	1	0%	1	\$ 262.00	\$ 412.22	\$ 674.22	\$ 674
60	9'-6"x8'-6" - 3 Panel Folding Door System (Type 07) W/ Frame & Bugscreen - Basis of Design: CENTOR 205 SERIES - Outward Swinging. Black, Required Energy Efficiency: Fenestration Max U-Factor 0.35, Max SHGC 0.40, Max Air Infiltration Rate 0.3 CFM Per SQ FT. Listed & Labeled By Manufacturer	EA	1	0%	1	\$ 700.00	\$ 1,200.00	\$ 1,900.00	\$ 1,900
61	9'-6"x8'-6" - 3 Panel Folding Door System (Type 08) W/ Frame & Bugscreen - Basis of Design: CENTOR 211 SERIES - XOX SLIDER, Required Energy Efficiency: Fenestration Max U-Factor 0.35, Max SHGC 0.40, Max Air Infiltration Rate 0.3 CFM Per SQ FT. Listed & Labeled By Manufacturer	EA	1	0%	1	\$ 700.00	\$ 1,200.00	\$ 1,900.00	\$ 1,900
62	2'Wx6'-8"H Pocket Door (Type 01) - Solid Wood - Five Panel	EA	4	0%	4	\$ 358.00	\$ 533.50	\$ 891.50	\$ 3,566
63	3'x6'-8" Closet Sliding Door	EA	1	0%	1	\$ 400.00	\$ 625.00	\$ 1,025.00	\$ 1,025
64	2'-4"x6'-8" Pocket Door (Type 8) - Solid Wood - Five Panel	EA	1	0%	1	\$ 358.00	\$ 533.50	\$ 891.50	\$ 892
	Hardware								
65	Door Hardware (Detail Not Given)	EA	14	0%	14	\$ 50.00	\$ 350.00	\$ 400.00	\$ 5,600
	Windows								
66	3'Wx3'-6"H, Liding Window W/ Frame - Sill @ 40" A.F.F	EA	2	0%	2	\$ 200.00	\$ 350.00	\$ 550.00	\$ 1,100
SUBTOTAL \$									20,590
FINISHES									
	Drywalls								

BREAKDOWN OF ITEMS

Prepared for:

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Scope: Renovation & Addition



Date: 05/17/22

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
	Exterior Wall (Type 2B) As;	LF	29						
67	2x8 Wood Studs @ 16" O.C.	SF	93	10%	103	\$ 2.24	\$ 2.28	\$ 4.52	\$ 464
68	5/8" Thk. Type X Gypsum Board On Interior Side	SF	93	10%	103	\$ 1.50	\$ 0.52	\$ 2.02	\$ 207
69	5/8" Thk. Type X Gypsum Sheathing On Exterior Side	SF	93	10%	103	\$ 1.50	\$ 0.52	\$ 2.02	\$ 207
70	3/4" PT Furring Strips @ 16" O.C.	SF	93	10%	103	\$ 0.80	\$ 2.36	\$ 3.16	\$ 325
71	Commercial Building Wrap - Basis of Design: Densglass Fireguard	SF	93	10%	103	\$ 0.60	\$ 0.70	\$ 1.30	\$ 134
72	5 1/2" High Density Batt Insulation R-21	SF	93	10%	103	\$ 0.50	\$ 1.50	\$ 2.00	\$ 205
73	Sealant	LF	58	10%	64	\$ 0.48	\$ 0.15	\$ 0.63	\$ 40
	Exterior Wall (Type 2C) As;	LF	82						
74	2x6 Wood Studs @ 16" O.C.	SF	820	10%	902	\$ 1.88	\$ 1.94	\$ 3.82	\$ 3,446
75	5/8" Thk. Type X Gypsum Board On Interior Side	SF	820	10%	902	\$ 1.50	\$ 0.52	\$ 2.02	\$ 1,822
76	5/8" Thk. Type X Gypsum Sheathing On Exterior Side	SF	820	10%	902	\$ 1.50	\$ 0.52	\$ 2.02	\$ 1,822
77	3/4" PT Furring Strips @ 16" O.C.	SF	820	10%	902	\$ 0.80	\$ 2.36	\$ 3.16	\$ 2,850
78	Commercial Building Wrap - Basis of Design: Densglass Fireguard	SF	820	10%	902	\$ 0.60	\$ 0.70	\$ 1.30	\$ 1,173
79	3" Closed Cell Spray Foam Insulation R-21 - Basis Of Design: ICYNENE PROSEAL LE.	SF	820	10%	902	\$ 0.50	\$ 1.50	\$ 2.00	\$ 1,804
80	Sealant	LF	164	10%	180	\$ 0.48	\$ 0.15	\$ 0.63	\$ 114
	2'-9"H Exterior Wall (Type 2A) As;	LF	7						
81	2x8 Wood Studs @ 16" O.C.	SF	70	10%	77	\$ 2.24	\$ 2.28	\$ 4.52	\$ 348
82	5/8" Thk. Type X Gypsum Board On Interior Side	SF	70	10%	77	\$ 1.50	\$ 0.52	\$ 2.02	\$ 156
83	5/8" Thk. Type X Gypsum Sheathing On Exterior Side	SF	70	10%	77	\$ 1.50	\$ 0.52	\$ 2.02	\$ 156
84	3/4" PT Furring Strips @ 16" O.C.	SF	70	10%	77	\$ 0.80	\$ 2.36	\$ 3.16	\$ 243
85	Commercial Building Wrap - Basis of Design: Densglass Fireguard	SF	70	10%	77	\$ 0.60	\$ 0.70	\$ 1.30	\$ 100
86	3" Closed Cell Spray Foam Insulation R-21 - Basis Of Design: ICYNENE PROSEAL LE.	SF	70	10%	77	\$ 0.50	\$ 1.50	\$ 2.00	\$ 154
87	Sealant	LF	14	10%	15	\$ 0.48	\$ 0.15	\$ 0.63	\$ 10
	4'-6"H Exterior Wall (Type 4) As;	LF	19						
88	5/8" Gypsum Board Interior Side	SF	86	10%	94	\$ 1.50	\$ 0.52	\$ 2.02	\$ 190
89	2" Z-Furring Channel @ 16" O.C.	SF	86	10%	94	\$ 0.80	\$ 2.36	\$ 3.16	\$ 297
90	Bituminous Dampproofing	SF	86	10%	94	\$ 0.50	\$ 0.55	\$ 1.05	\$ 99
91	2" Closed Cell Spray Foam Insulation R-14 - Basis Of Design: ICYNENE PROSEAL LE.	SF	86	10%	94	\$ 0.50	\$ 1.50	\$ 2.00	\$ 188
92	Sealant	LF	38	10%	42	\$ 0.48	\$ 0.15	\$ 0.63	\$ 26
	Interior Wall (Type 3) As;	LF	25						
93	2x4 Wood Stud @ 16" O.C.	SF	196	10%	216	\$ 1.12	\$ 1.28	\$ 2.40	\$ 517
94	5/8" Thk. Type X Gypsum Board On Interior Side	SF	196	10%	216	\$ 1.50	\$ 0.52	\$ 2.02	\$ 436
95	5/8" Thk. Type X Gypsum Sheathing On Exterior Side	SF	196	10%	216	\$ 1.50	\$ 0.52	\$ 2.02	\$ 436
96	Commercial Building Wrap	SF	196	10%	216	\$ 0.60	\$ 0.70	\$ 1.30	\$ 280
97	3" Closed Cell Spray Foam Insulation R-21 - Basis Of Design: ICYNENE PROSEAL LE.	SF	196	10%	216	\$ 0.50	\$ 1.50	\$ 1.30	\$ 280
98	Sealant	LF	50	10%	55	\$ 0.48	\$ 0.15	\$ 2.00	\$ 110
	GWB Interior Wall	LF	171						
99	2x4 Wood Stud @ 16" O.C.	SF	1710	10%	1881	\$ 1.12	\$ 1.28	\$ 2.40	\$ 4,514
100	1/2" Gypsum Board Each Side	SF	3420	10%	3762	\$ 1.00	\$ 0.45	\$ 1.45	\$ 5,455
101	1/2" Densshield Board At Wet Locations	SF	403	10%	443	\$ 1.00	\$ 0.45	\$ 1.45	\$ 642
102	Sealant	LF	684	10%	752	\$ 0.48	\$ 0.15	\$ 0.63	\$ 474
	Furring Wall (Type 5D)	LF	18						
103	7/8" Furring Strips @ 16" O.C.	SF	180	10%	198	\$ 0.80	\$ 2.36	\$ 3.16	\$ 626
104	(1) Layer 1/2" Gypsum Board On Side	SF	180	10%	198	\$ 1.00	\$ 0.45	\$ 1.45	\$ 287
105	Sealant	LF	36	10%	40	\$ 0.48	\$ 0.15	\$ 0.63	\$ 25
106	Furring Wall (Type 5A)	LF	21						
107	2x4 Wood Stud @ 16" O.C.	SF	210	10%	231	\$ 1.12	\$ 1.28	\$ 2.40	\$ 554
108	(1) Layer 1/2" Gypsum Board On Side	SF	210	10%	231	\$ 1.00	\$ 0.45	\$ 1.45	\$ 335
109	R-13 Batt Insulation	SF	210	10%	231	\$ 0.50	\$ 1.50	\$ 2.00	\$ 462
110	Sealant	LF	42	10%	46	\$ 0.48	\$ 0.15	\$ 0.63	\$ 29
	Flooring								
111	New Tile Flooring (Type Assumed)	SF	93	10%	102	\$ 5.11	\$ 5.46	\$ 10.57	\$ 1,076
112	New Wood Floor (Type Assumed)	SF	517	10%	569	\$ 5.11	\$ 6.46	\$ 11.57	\$ 6,580
113	Sealed Concrete Floor (Type Assumed)	SF	221	10%	243	\$ 3.28	\$ 4.56	\$ 7.84	\$ 1,906
	Ceiling								
114	Gypsum Board Ceiling - Clipped to Underside of Sheathing	SF	831	10%	914	\$ 1.50	\$ 2.44	\$ 3.94	\$ 3,602
	Wall Finish								
	Wall Base								
115	Wooden Wall Base	LF	300	10%	330	\$ 2.45	\$ 6.25	\$ 8.70	\$ 2,871
116	Tile Wall Base	LF	85	10%	94	\$ 2.45	\$ 5.25	\$ 7.70	\$ 720
	Exterior Finish								
117	Fiber Cement Siding, Through Color, 6"	SF	1011	10%	1112	\$ 1.50	\$ 5.00	\$ 6.50	\$ 7,225
	Paint								
	Wall Paint								

BREAKDOWN OF ITEMS

Prepared for:

Project ID: X.Y.Z.

Scope: Renovation & Addition



Date: 05/17/22

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
118	Wall Paint	SF	6500	10%	7150	\$ 1.90	\$ 0.50	\$ 2.40	\$ 17,160
	Door Paint								
119	Door Paint (Assumed)	EA	14	10%	15	\$ 1.80	\$ 0.50	\$ 2.30	\$ 35
	Ceiling Paint								
120	Ceiling Paint (Assumed)	SF	831	10%	914	\$ 1.35	\$ 0.50	\$ 1.85	\$ 1,691
SUBTOTAL \$									74,909
SPECIALTIES									
	Countertop								
121	2'-1"W Solid Surface Countertop W/ 4" Backsplash	SF	27	10%	30	\$ 49.23	\$ 89.20	\$ 138.43	\$ 4,117
122	1'-9"W Solid Surface Countertop	SF	14	10%	15	\$ 45.00	\$ 77.69	\$ 122.69	\$ 1,889
123	2'-3"W Solid Surface Countertop W/ 4" Backsplash	SF	11	10%	12	\$ 51.22	\$ 93.19	\$ 144.41	\$ 1,787
124	3"W Countertop	SF	21	10%	23	\$ 53.25	\$ 100.23	\$ 153.48	\$ 3,545
	Skylight								
125	3'x2" Skylight - Max U Factor 0.55 - SHGC Max 0.40	EA	1	0%	1	\$ 100.00	\$ 2,700.00	\$ 2,800.00	\$ 2,800
126	Tubular Skighlight - Basis of Design: Solatube 290 ISn W/ Justfr	EA	2	0%	2	\$ 100.00	\$ 2,500.00	\$ 2,600.00	\$ 5,200
127	1'-4"x1'-4" Tubular Skighlight Diffuser, Square	EA	2	0%	2	\$ 50.00	\$ 120.00	\$ 170.00	\$ 340
SUBTOTAL \$									19,679
Plumbing									
	Cold Water Pipe								
	Type L Hard Drawn Copper W/ Wrought Copper Fittings (Assumed)								
128	1/2" Dia Cold Water Pipe	FT	156	10%	172	\$ 11.48	\$ 2.56	\$ 14.04	\$ 2,416.68
129	3/4" Dia Cold Water Pipe	FT	24	10%	26	\$ 12.54	\$ 3.08	\$ 15.62	\$ 406.53
130	1" Dia Cold Water Pipe	FT	39	10%	43	\$ 13.80	\$ 2.00	\$ 15.80	\$ 682.69
	Insulation								
	1/2" Thick Fiberglass Pipe Insulation (Assumed)								
131	1/2" Dia Cold Water Pipe	FT	156	10%	172	\$ 6.40	\$ 1.06	\$ 7.46	\$ 1,284.07
132	3/4" Dia Cold Water Pipe	FT	24	10%	26	\$ 6.60	\$ 1.15	\$ 7.75	\$ 201.70
133	1" Dia Cold Water Pipe	FT	39	10%	43	\$ 6.96	\$ 1.24	\$ 8.20	\$ 354.31
	Cold Water Pipe Fittings								
	Elbow								
134	1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	24	0%	24	\$ 40.00	\$ 15.00	\$ 55.00	\$ 1,320.00
135	1" Dia Cold Water Pipe 90 Deg Elbow	EA	3	0%	3	\$ 60.00	\$ 28.00	\$ 88.00	\$ 264.00
	Tee								
136	1/2" Dia Cold Water Pipe Tee	EA	8	0%	8	\$ 48.00	\$ 18.00	\$ 66.00	\$ 528.00
137	3/4" / 1/2" Dia Cold Water Pipe Tee	EA	4	0%	4	\$ 56.00	\$ 38.56	\$ 94.56	\$ 378.24
138	1" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ 70.00	\$ 32.00	\$ 102.00	\$ 204.00
139	1" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ 70.00	\$ 34.00	\$ 104.00	\$ 208.00
140	1" / 1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	\$ 102.00	\$ 46.00	\$ 148.00	\$ 148.00
	Reducer								
141	3/4" / 1/2" Dia Cold Water Pipe Reducer	EA	4	0%	4	\$ 72.00	\$ 35.00	\$ 107.00	\$ 428.00
142	1" / 3/4" Dia Cold Water Pipe Reducer	EA	2	0%	2	\$ 102.00	\$ 58.00	\$ 160.00	\$ 320.00
	Hot Water Pipe								
	Type L Hard Drawn Copper W/ Wrought Copper Fittings (Assumed)								
143	1/2" Dia Hot Water Pipe	FT	117	10%	129	\$ 12.00	\$ 3.02	\$ 15.02	\$ 1,932.58
144	3/4" Dia Hot Water Pipe	FT	24	10%	26	\$ 12.14	\$ 3.00	\$ 15.14	\$ 391.54
145	1" Dia Hot Water Pipe	FT	30	10%	33	\$ 13.50	\$ 3.50	\$ 17.00	\$ 556.51
	Insulation								
	3/4" Thick Fiberglass Pipe Insulation (Assumed)								
146	1/2" Dia Hot Water Pipe	FT	117	10%	129	\$ 6.40	\$ 1.00	\$ 7.40	\$ 952.14
147	3/4" Dia Hot Water Pipe	FT	24	10%	7	\$ 1.10	\$ 0.60	\$ 1.70	\$ 11.22
148	1" Dia Hot Water Pipe	FT	30	10%	7	\$ 1.50	\$ 0.70	\$ 2.20	\$ 15.40
	Hot Water Pipe Fittings								
	Elbow								
149	1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	18	0%	18	\$ 40.00	\$ 15.00	\$ 55.00	\$ 990.00
	Tee								
150	1/2" Dia Hot Water Pipe Tee	EA	4	0%	4	\$ 48.00	\$ 18.00	\$ 66.00	\$ 264.00
151	1" Dia Hot Water Pipe Tee	EA	1	0%	1	\$ 70.00	\$ 35.00	\$ 105.00	\$ 105.00
152	3/4" / 1/2" Dia Hot Water Pipe Tee	EA	3	0%	3	\$ 58.00	\$ 25.00	\$ 83.00	\$ 249.00
153	1" / 3/4" Dia Hot Water Pipe Tee	EA	2	0%	2	\$ 70.00	\$ 38.56	\$ 108.56	\$ 217.12
	Reducer								
154	3/4" / 1/2" Dia Hot Water Pipe Reducer	EA	4	0%	4	\$ 72.00	\$ 35.00	\$ 107.00	\$ 428.00
155	1" / 3/4" Dia Hot Water Pipe Reducer	EA	2	0%	2	\$ 102.00	\$ 28.80	\$ 130.80	\$ 261.60
	Gas Pipe								
	Sch 40 Black Steel								
156	1" Dia Gas Pipe	FT	15	10%	17	\$ 19.00	\$ 4.20	\$ 23.20	\$ 384.59
	Gas Pipe Fittings								
	Elbow								

BREAKDOWN OF ITEMS

Prepared for:

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Scope: Renovation & Addition



Date: 05/17/22

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
157	1" Dia Gas Pipe 90 Deg Elbow	EA	3	0%	3	\$ 60.00	\$ 40.00	\$ 100.00	\$ 300.00
	Sewer Pipe Underground								
	Schedule 40 PVC Pipe W/ Fittings (Assumed)								
158	1-1/2" Dia Sewer Pipe	FT	2	10%	2	\$ 25.00	\$ 10.12	\$ 35.12	\$ 77.26
159	2" Dia Sewer Pipe	FT	35	10%	39	\$ 25.69	\$ 12.12	\$ 37.81	\$ 1,474.40
160	3" Dia Sewer Pipe	FT	33	10%	37	\$ 26.99	\$ 15.85	\$ 42.84	\$ 1,572.53
161	4" Dia Sewer Pipe	FT	42	10%	47	\$ 32.50	\$ 19.58	\$ 52.08	\$ 2,424.43
	Sewer Pipe Fittings								
	Elbow								
162	2" Dia Sewer Pipe 90 Deg Elbow	EA	3	0%	3	\$ 240.45	\$ 115.23	\$ 355.68	\$ 1,067.04
163	3" Dia Sewer Pipe 90 Deg Elbow	EA	4	0%	4	\$ 280.36	\$ 145.65	\$ 426.01	\$ 1,704.04
164	2" Dia Sewer Pipe 45 Deg Elbow	EA	1	0%	1	\$ 240.45	\$ 105.56	\$ 346.01	\$ 346.01
165	3" Dia Sewer Pipe 45 Deg Elbow	EA	6	0%	6	\$ 280.36	\$ 135.65	\$ 416.01	\$ 2,496.06
	Wye								
166	2" Dia Sewer Pipe Wye	EA	4	0%	4	\$ 305.00	\$ 135.32	\$ 440.32	\$ 1,761.28
167	3" Dia Sewer Pipe Wye	EA	3	0%	3	\$ 335.00	\$ 150.52	\$ 485.52	\$ 1,456.56
168	2" / 1-1/2" Dia Sewer Pipe Wye	EA	1	0%	1	\$ 340.00	\$ 155.58	\$ 495.58	\$ 495.58
169	3" / 2" Dia Sewer Pipe Wye	EA	3	0%	3	\$ 355.00	\$ 176.00	\$ 531.00	\$ 1,593.00
170	4" / 3" Dia Sewer Pipe Wye	EA	3	0%	3	\$ 375.56	\$ 210.36	\$ 585.92	\$ 1,757.76
	Reducer								
171	4" / 3" Dia Sewer Pipe Reducer	EA	1	0%	1	\$ 75.00	\$ 38.80	\$ 113.80	\$ 113.80
172	2" / 1-1/2" Dia Sewer Pipe Reducer	EA	2	0%	2	\$ 102.00	\$ 28.80	\$ 130.80	\$ 261.60
	Sewer Pipe Above grade								
	Schedule 40 PVC Pipe W/ Fittings (Assumed)								
173	1-1/2" Dia Sewer Pipe	FT	12	10%	14	\$ 24.00	\$ 10.12	\$ 34.12	\$ 468.40
174	2" Dia Sewer Pipe	FT	37	10%	41	\$ 25.02	\$ 12.12	\$ 37.14	\$ 1,518.13
175	3" Dia Sewer Pipe	FT	76	10%	84	\$ 25.99	\$ 15.85	\$ 41.84	\$ 3,519.46
	Sewer Pipe Fittings								
	Elbow								
176	1-1/2" Dia Sewer Pipe 90 Deg Elbow	EA	4	0%	4	\$ 220.35	\$ 105.25	\$ 325.60	\$ 1,302.40
177	2" Dia Sewer Pipe 90 Deg Elbow	EA	6	0%	6	\$ 240.45	\$ 115.23	\$ 355.68	\$ 2,134.08
178	3" Dia Sewer Pipe 90 Deg Elbow	EA	5	0%	5	\$ 280.36	\$ 145.65	\$ 426.01	\$ 2,130.05
179	1-1/2" Dia Sewer Pipe 45 Deg Elbow	EA	4	0%	4	\$ 215.50	\$ 98.58	\$ 314.08	\$ 1,256.32
180	2" Dia Sewer Pipe 45 Deg Elbow	EA	9	0%	9	\$ 240.45	\$ 105.56	\$ 346.01	\$ 3,114.09
181	3" Dia Sewer Pipe 45 Deg Elbow	EA	2	0%	2	\$ 280.36	\$ 135.65	\$ 416.01	\$ 832.02
	Wye								
182	1-1/2" Dia Sewer Pipe Wye	EA	1	0%	1	\$ 285.25	\$ 120.35	\$ 405.60	\$ 405.60
183	2" Dia Sewer Pipe Wye	EA	2	0%	2	\$ 305.00	\$ 135.32	\$ 440.32	\$ 880.64
184	3" Dia Sewer Pipe Wye	EA	3	0%	3	\$ 335.00	\$ 150.52	\$ 485.52	\$ 1,456.56
185	2" / 1-1/2" Dia Sewer Pipe Wye	EA	4	0%	4	\$ 340.00	\$ 155.58	\$ 495.58	\$ 1,982.32
186	3" / 2" Dia Sewer Pipe Wye	EA	4	0%	4	\$ 355.00	\$ 176.00	\$ 531.00	\$ 2,124.00
	Reducer								
187	2" / 1-1/2" Dia Sewer Pipe Reducer	EA	3	0%	3	\$ 60.00	\$ 28.00	\$ 88.00	\$ 264.00
188	3" / 2" Dia Sewer Pipe Reducer	EA	3	0%	3	\$ 75.00	\$ 35.00	\$ 110.00	\$ 330.00
	Vent Pipe								
	Schedule 40 PVC Pipe W/ Fittings (Assumed)								
189	1-1/2" Dia Vent Pipe	FT	91	10%	100	\$ 25.00	\$ 10.00	\$ 35.00	\$ 3,516.21
190	2" Dia Vent Pipe	FT	63	10%	69	\$ 26.00	\$ 12.00	\$ 38.00	\$ 2,618.35
	Vent Pipe Fittings								
	Elbow								
191	2" Dia Vent Pipe 90 Deg Elbow	EA	7	0%	7	\$ 240.00	\$ 105.00	\$ 345.00	\$ 2,415.00
192	1-1/2" Dia Vent Pipe 90 Deg Elbow	EA	11	0%	11	\$ 225.00	\$ 98.85	\$ 323.85	\$ 3,562.35
	Tee								
193	2" / 1-1/2" Dia Vent Pipe Tee	EA	4	0%	4	\$ 270.56	\$ 122.25	\$ 392.81	\$ 1,571.24
	Drain Tile								
	Schedule 40 PVC Pipe W/ Fittings (Assumed)								
194	4" Dia PVC Drain Tile W/ Filter Fabric	FT	4	10%	5	\$ 155.00	\$ 395.00	\$ 550.00	\$ 2,486.55
	Drain & Cleanouts								
195	2" Dia FD, Floor Drain	EA	2	0%	2	\$ 125.55	\$ 318.56	\$ 444.11	\$ 888.22
196	3" Dia CO, Cleanouts	EA	2	0%	2	\$ 138.56	\$ 345.66	\$ 484.22	\$ 968.43
	Plumbing Fixtures (Schedule Not Given)								
197	Water Closet	EA	4	0%	4	\$ 396.56	\$ 835.45	\$ 1,232.01	\$ 4,928.04
198	Lavatory	EA	5	0%	5	\$ 321.25	\$ 1,412.32	\$ 1,733.57	\$ 8,667.85
199	Bath Tub	EA	1	0%	1	\$ 1,340.52	\$ 1,235.85	\$ 2,576.37	\$ 2,576.37
200	Shower	EA	2	0%	2	\$ 31.00	\$ 1,425.25	\$ 1,456.25	\$ 2,912.50
201	Sink	EA	1	0%	1	\$ 350.00	\$ 625.00	\$ 975.00	\$ 975.00
202	Wash Box W/ OATEY Outlet Box W/ Hot & Cold Hook Ups	EA	1	0%	1	\$ 525.00	\$ 1,585.50	\$ 2,110.50	\$ 2,110.50
203	Dishwasher	EA	1	0%	1	\$ 410.00	\$ 654.00	\$ 1,064.00	\$ 1,064.00
204	Refrigerator	EA	1	0%	1	\$ 150.00	\$ 11,525.00	\$ 11,675.00	\$ 11,675.00

BREAKDOWN OF ITEMS

Prepared for:

Project ID: X.Y.Z.

Scope: Renovation & Addition



Date: 05/17/22

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
205	CB, Catch Basin	EA	1	0%	1	\$ 310.00	\$ 590.56	\$ 900.56	\$ 900.56
206	Range-A, 6.5 CFH	EA	1	0%	1	\$ 450.00	\$ 4,585.00	\$ 5,035.00	\$ 5,035.00
	Expansion Tank (Schedule Not Given)								
207	Expansion Tank	EA	1	0%	1	\$ 350.00	\$ 1,200.00	\$ 1,550.00	\$ 1,550.00
	Pumps (Schedule Not Given)								
208	ACP, Automatic Hot Water Circulating Pump	EA	1	0%	1	\$ 860.00	\$ 2,700.00	\$ 3,560.00	\$ 3,560.00
209	18"W x 24"D Sump Pump To Sewer W/ 3" CO	EA	1	0%	1	\$ 825.00	\$ 2,210.00	\$ 3,035.00	\$ 3,035.00
	MISC.								
210	1/2" Dia HB, Hose Bibb W/ Frost Proof Valve & Back Water Va	EA	1	0%	1	\$ 28.00	\$ 48.85	\$ 76.85	\$ 76.85
211	1" Dia BFP, Backflow Preventer	EA	1	0%	1	\$ 325.00	\$ 595.69	\$ 920.69	\$ 920.69
212	1" Dia Water Meter	EA	1	0%	1	\$ 235.00	\$ 690.00	\$ 925.00	\$ 925.00
213	3" Dia Backwater Valve W/ Extendable Co	EA	1	0%	1	\$ 150.00	\$ 230.00	\$ 380.00	\$ 380.00
214	1" Dia Gas Shut-Off Valve	EA	1	0%	1	\$ 100.00	\$ 150.00	\$ 250.00	\$ 250.00
215	1/2" Dia Ball Valve	EA	1	0%	1	\$ 150.00	\$ 180.00	\$ 330.00	\$ 330.00
216	1" Dia FFSO, Full Flow Shut-Off Valve	EA	2	0%	2	\$ 120.00	\$ 150.00	\$ 270.00	\$ 540.00
217	1" Dia PRV, Pressure Reducing Valve	EA	1	0%	1	\$ 150.00	\$ 180.85	\$ 330.85	\$ 330.85
218	1" Dia TTV, Pressure Reducing Valve	EA	1	0%	1	\$ 150.00	\$ 185.96	\$ 335.96	\$ 335.96
219	1" Dia BFP, Backflow Preventer	EA	1	0%	1	\$ 150.00	\$ 180.85	\$ 330.85	\$ 330.85
220	1" Dia Water Meter	EA	1	0%	1	\$ 50.00	\$ 39.99	\$ 89.99	\$ 39.99
221	3" Dia Backwater Valve W/ Extendable Co	EA	1	0%	1	\$ 150.00	\$ 325.25	\$ 475.25	\$ 325.25
222	1" Dia Gas Shut-Off Valve	EA	1	0%	1	\$ 120.00	\$ 230.56	\$ 350.56	\$ 230.56
223	1/2" Dia Ball Valve	EA	1	0%	1	\$ 100.00	\$ 128.89	\$ 228.89	\$ 128.89
224	1" Dia FFSO, Full Flow Shut-Off Valve	EA	2	0%	2	\$ 100.00	\$ 150.85	\$ 250.85	\$ 301.70
225	1" Dia PRV, Pressure Reducing Valve	EA	1	0%	1	\$ 150.00	\$ 185.65	\$ 335.65	\$ 185.65
226	1" Dia TTV, Pressure Reducing Valve	EA	1	0%	1	\$ 150.00	\$ 175.85	\$ 325.85	\$ 175.85
227	1" Dia Gas Pressure Regulator	EA	1	0%	1	\$ 150.00	\$ 124.56	\$ 274.56	\$ 124.56
228	1" Dia Union	EA	1	0%	1	\$ 80.00	\$ 85.00	\$ 165.00	\$ 85.00
229	1" Dia Gas Cock	EA	1	0%	1	\$ 20.00	\$ 80.23	\$ 100.23	\$ 80.23
230	2" Dia VTR, Vent Through Roof	EA	3	0%	3	\$ 10.00	\$ 200.56	\$ 210.56	\$ 601.68
	PVC Pipe Couplings								
231	1-1/2" Dia Coupling	EA	10	0%	10	\$ 4.12	\$ 2.25	\$ 6.37	\$ 63.70
232	2" Dia Coupling	EA	12	0%	12	\$ 4.30	\$ 2.61	\$ 6.91	\$ 82.92
233	3" Dia Coupling	EA	10	0%	10	\$ 4.95	\$ 2.75	\$ 7.70	\$ 77.00
234	4" Dia Coupling	EA	4	0%	4	\$ 5.35	\$ 3.55	\$ 8.90	\$ 35.60
	Pipe Support								
235	1/2" Dia Adjustable Clevis Hanger	EA	45	0%	45	\$ 8.90	\$ 1.89	\$ 10.79	\$ 485.55
236	3/4" Dia Adjustable Clevis Hanger	EA	8	0%	8	\$ 9.03	\$ 1.58	\$ 10.61	\$ 84.88
237	1" Dia Adjustable Clevis Hanger	EA	12	0%	12	\$ 8.95	\$ 1.65	\$ 10.60	\$ 127.20
238	1-1/2" Dia Adjustable Clevis Hanger	EA	17	0%	17	\$ 9.50	\$ 1.78	\$ 11.28	\$ 191.76
239	2" Dia Adjustable Clevis Hanger	EA	9	0%	9	\$ 9.72	\$ 2.21	\$ 11.93	\$ 107.37
240	3" Dia Adjustable Clevis Hanger	EA	7	0%	7	\$ 11.00	\$ 4.20	\$ 15.20	\$ 106.40
241	1/2" Dia Threaded Rod (1 Ea = 1 FT)	EA	82	0%	82	\$ 9.92	\$ 4.85	\$ 14.77	\$ 1,211.14
242	3/8" Dia Threaded Rod (1 Ea = 1 FT)	EA	16	0%	16	\$ 11.00	\$ 5.25	\$ 16.25	\$ 260.00
	Trenching & Backfilling								
243	Excavation & Backfilling (3' Deep x 1' Wide Trench) including all labor and material/equipment.	CFT	333	0%	333	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$									135,072
HVAC									
	Refrigerant Pipe								
	Type L Copper Tubing W/ Brazed Joints								
244	3/8" Dia Refrigeration Liquid Pipe	LF	26	10%	29	\$ 11.12	\$ 2.29	\$ 13.41	\$ 383.53
245	5/8" Dia Refrigeration Suction Pipe	LF	26	10%	29	\$ 12.63	\$ 6.24	\$ 18.87	\$ 539.68
	Insulation								
	3/4" Thick, UV Resistant Elastomeric Pipe Insulation								
246	3/8" Dia Refrigeration Liquid Pipe	LF	26	10%	29	\$ 5.88	\$ 0.55	\$ 6.43	\$ 183.90
247	5/8" Dia Refrigeration Suction Pipe	LF	26	10%	29	\$ 6.24	\$ 0.65	\$ 6.89	\$ 197.05
	Refrigerant Pipe Fittings								
	Elbow								
248	3/8" Dia Refrigeration Liquid Pipe 90 Deg Elbow	EA	4	0%	4	\$ 50.00	\$ 26.99	\$ 76.99	\$ 307.96
249	5/8" Dia Refrigeration Suction Pipe 90 Deg Elbow	EA	4	0%	4	\$ 65.00	\$ 32.99	\$ 97.99	\$ 391.96
	Condensate Drain Pipe								
	Schedule 40 PVC Pipe W/ Fittings								
250	1-1/2" Dia Condensate Drain Pipe	LF	18	10%	20	\$ 13.35	\$ 3.56	\$ 16.91	\$ 334.82
	Insulation								
	1/2" Thick Fiberglass Pipe Insulation (Assumed)								
251	1-1/2" Dia Condensate Drain Pipe	LF	18	10%	20	\$ 1.50	\$ 3.56	\$ 5.06	\$ 100.19
	Condensate Drain Pipe Fittings								
	Elbow								
252	1/2" Dia Condensate Drain Pipe 90 Deg Elbow	EA	3	0%	3	\$ 50.00	\$ 2.96	\$ 52.96	\$ 158.88

BREAKDOWN OF ITEMS

Prepared for:

Project ID: X.Y.Z.

Scope: Renovation & Addition



Date: 05/17/22

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
Air Devices									
253	CR, Supply Register, 10"x6" Face Size, 2" Dia Neck Size, 60 CFM	EA	19	0%	19	\$ 12.00	\$ 90.00	\$ 102.00	\$ 1,938.00
254	CRET, Intake Grille, 12"x12" Face Size, 8" Dia Neck Size, 1150 CFM	EA	1	0%	1	\$ 15.00	\$ 120.00	\$ 135.00	\$ 135.00
Condensing Unit									
255	Condensing Unit, GOODMAN DSXC160361A CAPF3642A6D, 240V	EA	1	0%	1	\$ 200.00	\$ 2,500.00	\$ 2,700.00	\$ 2,700.00
Split AC									
256	Split AC, GOODMAN GSX130241D+CAPP1824A6D+G*EC96C	EA	1	0%	1	\$ 200.00	\$ 3,500.00	\$ 3,700.00	\$ 3,700.00
Gas Furnace									
257	Gas Furnace, GOODMAN GMCC9603028N, 700 CFM, 29000 BTU	EA	1	0%	1	\$ 100.00	\$ 500.00	\$ 600.00	\$ 600.00
Fan									
258	Bath Room Exhaust Fan, GE OVER RANGE HOOD J VX5365SJSS	EA	1	0%	1	\$ 50.00	\$ 198.00	\$ 248.00	\$ 248.00
259	Kitchen Exhaust Fan, BROAN LP-80, 50 CFM, 120V/1Ph, Ceiling	EA	1	0%	1	\$ 50.00	\$ 262.32	\$ 312.32	\$ 312.32
Louver									
260	8" Dia Roof Intake Auto. Louvered, 42.42 CFM W/ Closing Gravity	EA	1	0%	1	\$ 120.00	\$ 350.00	\$ 470.00	\$ 470.00
Radiator									
261	Radiator	EA	8	0%	8	\$ 150.00	\$ 130.00	\$ 280.00	\$ 2,240.00
Damper									
262	6" Dia Motorized Damper	EA	1	0%	1	\$ 150.00	\$ 218.00	\$ 368.00	\$ 368.00
Thermostat									
263	Thermostat	EA	1	0%	1	\$ 50.00	\$ 149.00	\$ 199.00	\$ 199.00
Cap									
264	6" Dia Roof Cap	EA	1	0%	1	\$ 10.00	\$ 44.65	\$ 54.65	\$ 54.65
265	4" Dia Roof Vent W/Cap 50 CFM	EA	2	0%	2	\$ 10.00	\$ 26.73	\$ 36.73	\$ 73.46
Misc.									
266	Stainless Steel Drain Pan	EA	1	0%	1	\$ 5.55	\$ 14.00	\$ 19.55	\$ 19.55
Duct Weight									
267	Galvanized Sheet Metal Duct	LB	372	0%	372	\$ 5.55	\$ 25.96	\$ 31.51	\$ 11,721.72
Duct Installation									
268	2" Thick Fiberglass Duct Insulation, 3/4 LB DT3 Density, W/ Foil Vapor Barrier.	SQFT	335	0%	335	\$ 2.25	\$ 18.00	\$ 20.25	\$ 6,783.75
269	1" Thick R-8 Insulation (For PVC Duct) (Thickness assumed)	LF	339	10%	373	\$ 0.50	\$ 1.50	\$ 2.00	\$ 745.80
Pipe Support									
270	3/8" Dia Adjustable Clevis Hanger	EA	4	0%	4	\$ 10.00	\$ 50.00	\$ 60.00	\$ 240.00
271	5/8" Dia Adjustable Clevis Hanger	EA	4	0%	4	\$ 12.00	\$ 60.25	\$ 72.25	\$ 289.00
272	1-1/2" Dia Adjustable Clevis Hanger	EA	3	0%	3	\$ 12.00	\$ 95.60	\$ 107.60	\$ 322.80
273	1/2" Dia Threaded Rod (1 Ea = 1 FT)	EA	10	0%	10	\$ 12.00	\$ 75.56	\$ 87.56	\$ 875.60
Duct Support									
274	3/8" Threaded Rod	EA	104	0%	104	\$ 12.00	\$ 75.56	\$ 87.56	\$ 9,106.24
275	1" x 22 Ga. Strap	EA	52	0%	52	\$ 2.25	\$ 6.67	\$ 8.92	\$ 463.84
SUBTOTAL \$									46,205
ELECTRICAL									
Distribution									
Conduit									
276	2" PVC SCH 40 Conduit (Length Assumed)	EA	240	10%	264	\$ 4.70	\$ 2.23	\$ 6.93	\$ 1,829.52
Conductor									
277	#6 WHHW (Length Assumed)	EA	720	10%	792	\$ 2.88	\$ 1.80	\$ 4.68	\$ 3,706.56
Termination									
278	Compression Lugs CU With 1-Hole. #6 CU Wire	EA	18	0%	18	\$ 1.60	\$ 9.36	\$ 10.96	\$ 197.28
279	Heat Shrink Tubing For #6 CU Wire	EA	18	0%	18	\$ 0.95	\$ 6.80	\$ 7.75	\$ 139.50
Breakers									
280	1P/15A Breaker	EA	20	0%	20	\$ 96.90	\$ 250.00	\$ 346.90	\$ 6,938.00
281	1P/15A GFCI Breaker	EA	1	0%	1	\$ 100.12	\$ 312.28	\$ 412.40	\$ 412.40
282	1P/20A Breaker	EA	8	0%	8	\$ 109.01	\$ 375.00	\$ 484.01	\$ 3,872.08

BREAKDOWN OF ITEMS

Prepared for:

Project ID: X.Y.Z.

Scope: Renovation & Addition



Date: 05/17/22

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
283	2P/25A Breaker	EA	1	0%	1	\$ 110.23	\$ 400.12	\$ 510.35	\$ 510.35
284	2P/30A Breaker	EA	2	0%	2	\$ 115.25	\$ 432.32	\$ 547.57	\$ 1,095.14
285	2P/50A Breaker	EA	1	0%	1	\$ 115.25	\$ 465.65	\$ 580.90	\$ 580.90
286	2P/60A Breaker	EA	1	0%	1	\$ 118.25	\$ 500.50	\$ 618.75	\$ 618.75
287	2P/200A MCB	EA	1	0%	1	\$ 119.36	\$ 565.36	\$ 684.72	\$ 684.72
	Panels								
288	Panel B: 200A, 120/240V, 1PH, 3W, Mains: MCB, 39 Poles, 10K AIC	EA	1	0%	1	\$ 899.98	\$ 2,000.50	\$ 2,900.48	\$ 2,900.48
	Disconnect Switches								
289	2P/30A Disconnect Switch, WP	EA	1	0%	1	\$ 20.63	\$ 265.00	\$ 285.63	\$ 285.63
290	2P/60A/15A Fuse Disconnect Switch, WP	EA	1	0%	1	\$ 20.63	\$ 350.25	\$ 370.88	\$ 370.88
	Grounding								
291	3/4" Grounding Rod	EA	2	0%	2	\$ 0.97	\$ 0.95	\$ 1.92	\$ 3.84
292	#6 Grounding Wire (Length Assumed)	FT	100	10%	110	\$ 0.68	\$ 0.44	\$ 1.12	\$ 123.20
293	#1/0 Grounding Wire (Length Assumed)	FT	50	10%	55	\$ 1.00	\$ 0.85	\$ 1.85	\$ 101.75
	Power								
	Conduit								
294	3/4" EMT Conduit	FT	880	10%	968	\$ 3.41	\$ 1.07	\$ 4.48	\$ 4,336.64
295	1" EMT Conduit	FT	219	10%	241	\$ 3.59	\$ 0.86	\$ 4.45	\$ 1,072.01
296	3/4" RGS Conduit	FT	5	10%	6	\$ 4.41	\$ 1.25	\$ 5.66	\$ 31.94
297	1" RGS Conduit	FT	10	10%	11	\$ 3.59	\$ 0.96	\$ 4.55	\$ 49.80
	Conductor								
298	2#10, #14 MC Cable	FT	253	10%	278	\$ 0.44	\$ 0.21	\$ 0.65	\$ 179.41
299	2#10, #12 MC Cable	FT	55	10%	60	\$ 0.44	\$ 0.21	\$ 0.65	\$ 38.74
300	#14 CU THHN/THWN	FT	610	10%	671	\$ 0.40	\$ 0.10	\$ 0.50	\$ 335.50
301	#12 CU THHN/THWN	FT	416	10%	458	\$ 0.40	\$ 0.11	\$ 0.51	\$ 231.55
302	#10 CU THHN/THWN	FT	1784	10%	1962	\$ 0.40	\$ 0.21	\$ 0.61	\$ 1,197.06
303	#8 CU THHN/THWN	FT	74	10%	81	\$ 0.40	\$ 0.32	\$ 0.72	\$ 58.43
304	#6 CU THHN/THWN	FT	458	10%	504	\$ 0.40	\$ 0.43	\$ 0.83	\$ 418.15
	Device								
305	220V Special Receptacle	EA	3	0%	3	\$ 39.88	\$ 145.45	\$ 185.33	\$ 555.99
306	Ceiling Fan	EA	1	0%	1	\$ 50.00	\$ 550.00	\$ 600.00	\$ 600.00
307	Double Duplex Receptacle	EA	1	0%	1	\$ 99.00	\$ 131.18	\$ 230.18	\$ 230.18
308	Duplex Receptacle	EA	41	0%	41	\$ 99.00	\$ 110.23	\$ 209.23	\$ 8,578.43
309	Equipment Connection	EA	4	0%	4	\$ 8.00	\$ 20.00	\$ 28.00	\$ 112.00
310	Exhaust Fan Connection (Assumed)	EA	3	0%	3	\$ 5.00	\$ 20.00	\$ 25.00	\$ 75.00
311	Garbage Disposal With Disconnect Switch	EA	1	0%	1	\$ 5.00	\$ 14.00	\$ 19.00	\$ 19.00
312	GFCI Duplex Receptacle, ARLINGTON Brand	EA	7	0%	7	\$ 32.84	\$ 99.00	\$ 131.84	\$ 922.88
313	GFCI Tamper Proof Duplex Receptacle	EA	10	0%	10	\$ 42.32	\$ 135.56	\$ 177.88	\$ 1,778.80
314	Single Pole Switch	EA	17	0%	17	\$ 5.00	\$ 14.00	\$ 19.00	\$ 323.00
	Lighting								
	Conduit								
315	3/4" EMT Conduit	FT	958	10%	1054	\$ 3.41	\$ 1.07	\$ 4.48	\$ 4,721.02
	Conductor								
316	2#10 #14 MC Cable	FT	264	10%	290	\$ 0.44	\$ 0.21	\$ 0.65	\$ 187.31
317	2#10, #12 MC Cable	FT	59	10%	65	\$ 0.44	\$ 0.21	\$ 0.65	\$ 41.63
318	#14 CU THHN/THWN	FT	849	10%	934	\$ 0.40	\$ 0.10	\$ 0.50	\$ 466.95
319	#12 CU THHN/THWN	FT	109	10%	120	\$ 0.40	\$ 0.11	\$ 0.51	\$ 60.77
320	#10 CU THHN/THWN	FT	1916	10%	2108	\$ 0.40	\$ 0.21	\$ 0.61	\$ 1,285.64
	Lighting Fixtures								
321	M, Ceiling Mounted Lighting Fixture	EA	3	0%	3	\$ 5.55	\$ 50.00	\$ 55.55	\$ 166.65
322	P, Pendant Lighting Fixture	EA	2	0%	2	\$ 6.55	\$ 75.00	\$ 81.55	\$ 163.10
323	R1, Round Lighting Fixture	EA	42	0%	42	\$ 5.55	\$ 55.00	\$ 60.55	\$ 2,543.10
324	R2, Round Lighting Fixture	EA	2	0%	2	\$ 5.55	\$ 55.00	\$ 60.55	\$ 121.10
325	ST1, Strip Lighting Fixture	EA	1	0%	1	\$ 8.00	\$ 72.95	\$ 80.95	\$ 80.95
326	ST2, Strip Lighting Fixture (1'-10")	EA	2	0%	2	\$ 8.00	\$ 82.95	\$ 90.95	\$ 181.90
327	ST2, Strip Lighting Fixture (2'-8")	EA	1	0%	1	\$ 8.00	\$ 92.95	\$ 100.95	\$ 100.95
328	W1, Wall Mounted Lighting Fixture	EA	4	0%	4	\$ 12.00	\$ 110.25	\$ 122.25	\$ 489.00
329	W2, Wall Mounted Lighting Fixture	EA	7	0%	7	\$ 12.00	\$ 118.25	\$ 130.25	\$ 911.75
	Lighting Control								
330	Single Pole Switch	EA	23	0%	23	\$ 3.50	\$ 14.00	\$ 17.50	\$ 402.50
	Fire Alarm								
	Conduit								
331	3/4" EMT Conduit	FT	85	10%	94	\$ 3.41	\$ 1.07	\$ 4.48	\$ 418.88
	Conductor								
332	#14 CU THHN/THWN	FT	85	10%	94	\$ 0.40	\$ 0.10	\$ 0.50	\$ 46.75
333	#10 CU THHN/THWN	FT	170	10%	187	\$ 0.44	\$ 0.21	\$ 0.65	\$ 121.55
	Device								
334	Smoke Detector	EA	2	0%	2	\$ 80.00	\$ 119.00	\$ 199.00	\$ 398.00
335	Smoke/Carbon Monoxide Detector	EA	4	0%	4	\$ 85.00	\$ 129.00	\$ 214.00	\$ 856.00
	Miscellaneous								
336	Junction Box	EA	2	0%	2	\$ 30.00	\$ 55.00	\$ 85.00	\$ 170.00
	Fire Stopping								
337	Caulking Sealant	LS	1	0%	1	\$ 50.00	\$ 100.00	\$ 150.00	\$ 150.00

BREAKDOWN OF ITEMS

Prepared for:

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Scope: Renovation & Addition



Date: 05/17/22

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
	Trenching								
338	Saw Cut & Repair Concrete Floor For Conduit Installation	FT	240	0%	240	\$ 4.44	\$ 3.50	\$ 7.94	\$ 1,905.60
SUBTOTAL \$									61,507
EARTHWORK									
	Excavation								
339	Total Cut	CY	63	20%	76	\$ 55.00	\$ -	\$ 55.00	\$ 4,158
SUBTOTAL \$									4,158
EXTERIOR IMPROVEMENTS									
	Paving								
340	Conc. Paving	SF	59	10%	64	\$ 15.00	\$ 40.00	\$ 55.00	\$ 3,540
SUBTOTAL \$									3,540
PROJECTED COST									\$574,743
HEAD AND PROFIT						0.15	0.15	15%	\$86,211
INSURANCE						0	0	0%	\$0
CONTINGENCY						0	0	10%	\$57,474
TAX						0	0	0%	\$0
SUGGESTED BID									\$718,429

Note:

1. Please verify the equipment's and their prices with owner.
2. For tree plantation average prices are use. Please verify according to tree type.
3. Online sources are used for pricing.
4. Prices can vary depending upon field conditions.

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