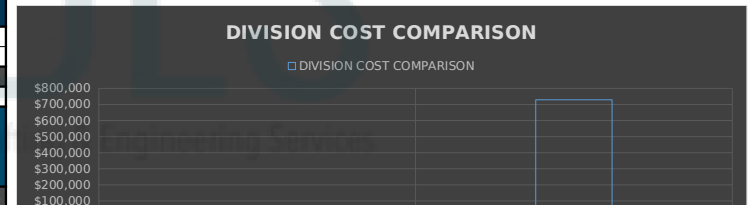


GENERAL SUMMARY

Prepared for: Superior Grocers Tenant Improvement Superior Grocers #121, 151 W. Baseline Road Rialto, CA 92376
Project ID: 28012026
Scope: Mechanical
No. Of Floors: 1
Date: 23-Sep-26



BUILDING GSF		65,980	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 72,000	\$ 1
23000	HVAC	\$ 728,966	\$ 11
TOTAL TRADE COST		\$ 800,966	\$ 12
OVERHEAD AND PROFIT	30%	\$ 240,290	\$ 3.6
INSURANCE	3%	\$ 24,029	\$ 0.4
CONTINGENCY	5%	\$ 40,048	\$ 1
TAX	8%	\$ 41,207	\$ 1
SUGGESTED BID		\$ 1,146,540	\$ 18



DETAILED BREAKDOWN OF ITEMS													
Prepared for:		Superior Grocers Tenant Improvement Superior Grocers #121, 151 W. Baseline Road Rialto, CA 92376											
Project ID:		28012026											
Scope:		Mechanical											
												Date:	23-Sep-26
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOURL	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 30,000.00	\$ 30,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 4,500.00	\$ 4,500.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 25,000.00	\$ 25,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00
7			Equipment Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 6,500.00	\$ 6,500.00
												SUBTOTAL	\$ 72,000
HVAC													
FLEXIBLE DUCT													
8			8" Dia Flexible Duct	LF	20	10%	22	0.08	\$ 60.00	\$ 4.80	\$ 2.85	\$ 7.65	\$ 167.46
9			10" Dia Flexible Duct	LF	118	10%	129	0.09	\$ 60.00	\$ 5.40	\$ 3.39	\$ 8.79	\$ 1,136.40
10			12" Dia Flexible Duct	LF	52	10%	58	0.10	\$ 60.00	\$ 6.00	\$ 3.75	\$ 9.75	\$ 561.02
11			14" Dia Flexible Duct	LF	17	10%	18	0.11	\$ 60.00	\$ 6.60	\$ 5.36	\$ 11.96	\$ 218.26
12			16" Dia Flexible Duct	LF	4	10%	5	0.13	\$ 60.00	\$ 7.80	\$ 8.78	\$ 16.58	\$ 79.15
REFRIGERANT PIPE													
Type "ACR" Hard Drawn Copper Pipe													
13			1/4" Dia Refrigerant Liquid Pipe	LF	44	10%	48	0.071	\$ 60.00	\$ 4.28	\$ 3.08	\$ 7.35	\$ 353.22
14			3/8" Dia Refrigerant Liquid Pipe	LF	18	10%	20	0.074	\$ 60.00	\$ 4.41	\$ 2.19	\$ 6.60	\$ 134.09
15			1/2" Dia Refrigerant Suction Pipe	LF	44	10%	48	0.077	\$ 60.00	\$ 4.64	\$ 3.29	\$ 7.93	\$ 380.90
16			5/8" Dia Refrigerant Suction Pipe	LF	18	10%	20	0.078	\$ 60.00	\$ 4.68	\$ 4.28	\$ 8.96	\$ 182.04
1/2" Thick ARMSTRONG Closed Cell Armaflex Insulation													
17			1/4" Dia Refrigerant Liquid Pipe	LF	44	10%	48	0.03	\$ 60.00	\$ 1.50	\$ 1.85	\$ 3.35	\$ 160.96
18			3/8" Dia Refrigerant Liquid Pipe	LF	18	10%	20	0.03	\$ 60.00	\$ 1.50	\$ 1.85	\$ 3.35	\$ 68.06
1" Thick ARMSTRONG Closed Cell Armaflex Insulation													
19			1/2" Dia Refrigerant Suction Pipe	LF	44	10%	48	0.03	\$ 60.00	\$ 1.62	\$ 2.10	\$ 3.72	\$ 178.74
20			5/8" Dia Refrigerant Suction Pipe	LF	18	10%	20	0.03	\$ 60.00	\$ 1.62	\$ 2.10	\$ 3.72	\$ 75.58
REFRIGERANT PIPE FITTINGS													
ELBOW													
21			1/4" Dia Refrigerant Liquid Pipe 90 Deg Elbow	EA	9	0%	9	0.273	\$ 60.00	\$ 16.38	\$ 2.12	\$ 18.50	\$ 166.50
22			3/8" Dia Refrigerant Liquid Pipe 90 Deg Elbow	EA	5	0%	5	0.273	\$ 60.00	\$ 16.38	\$ 2.56	\$ 18.94	\$ 94.69
23			1/2" Dia Refrigerant Suction Pipe 90 Deg Elbow	EA	9	0%	9	0.300	\$ 60.00	\$ 18.00	\$ 4.11	\$ 22.11	\$ 198.98
24			5/8" Dia Refrigerant Suction Pipe 90 Deg Elbow	EA	5	0%	5	0.316	\$ 60.00	\$ 18.95	\$ 8.42	\$ 27.36	\$ 136.80
REFRIGERANT PIPE (BELOW GRADE)													
Type "ACR" Hard Drawn Copper Pipe													
25			3/8" Dia Refrigerant Liquid Pipe (Size Assumed)	LF	270	10%	297	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
26			5/8" Dia Refrigerant Suction Pipe (Size Assumed)	LF	270	10%	297	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
1/2" Thick ARMSTRONG Closed Cell Armaflex Insulation													
27			3/8" Dia Refrigerant Liquid Pipe	LF	270	10%	297	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
1" Thick ARMSTRONG Closed Cell Armaflex Insulation													
28			5/8" Dia Refrigerant Suction Pipe	LF	270	10%	297	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
REFRIGERANT PIPE FITTINGS													
ELBOW													
29			3/8" Dia Refrigerant Liquid Pipe 45 Deg Elbow	EA	36	0%	36	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
30			5/8" Dia Refrigerant Suction Pipe 45 Deg Elbow	EA	36	0%	36	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
TEE													
31			3/8" Dia Refrigerant Liquid Pipe Tee	EA	4	0%	4	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
32			5/8" Dia Refrigerant Suction Pipe Tee	EA	4	0%	4	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
REFRIGERANT PIPE (ABOVE GRADE)													
Type "ACR" Hard Drawn Copper Pipe													
33			3/8" Dia Refrigerant Liquid Pipe (Size Assumed)	LF	154	10%	169	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
34			5/8" Dia Refrigerant Suction Pipe (Size Assumed)	LF	154	10%	169	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
1/2" Thick ARMSTRONG Closed Cell Armaflex Insulation													
35			3/8" Dia Refrigerant Liquid Pipe	LF	154	10%	169	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
1" Thick ARMSTRONG Closed Cell Armaflex Insulation													
36			5/8" Dia Refrigerant Suction Pipe	LF	154	10%	169	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
REFRIGERANT PIPE FITTINGS													
ELBOW													
37			3/8" Dia Refrigerant Liquid Pipe 90 Deg Elbow	EA	23	0%	23	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
38			5/8" Dia Refrigerant Suction Pipe 90 Deg Elbow	EA	23	0%	23	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -
AIR DEVICES													
39			A: Perforated, Steel, Square Ceiling Diffuser With 4-Way Adjustable Discharge Pattern	EA	2	0%	2	0.85	\$ 60.00	\$ 51.00	\$ 119.47	\$ 170.47	\$ 340.94
40			A: Perforated, Steel, Square Ceiling Diffuser With 4-Way Adjustable Discharge Pattern	EA	7	0%	7	0.90	\$ 60.00	\$ 54.00	\$ 123.88	\$ 177.88	\$ 1,245.16
41			A: Perforated, Steel, Square Ceiling Diffuser With 4-Way Adjustable Discharge Pattern	EA	10	0%	10	0.95	\$ 60.00	\$ 57.00	\$ 129.34	\$ 186.34	\$ 1,863.40
42			A: Perforated, Steel, Square Ceiling Diffuser With 4-Way Adjustable Discharge Pattern	EA	2	0%	2	1.00	\$ 60.00	\$ 60.00	\$ 134.76	\$ 194.76	\$ 389.52
43			A: Perforated, Steel, Square Ceiling Diffuser With 4-Way Adjustable Discharge Pattern	EA	3	0%	3	1.05	\$ 60.00	\$ 63.00	\$ 135.42	\$ 198.42	\$ 595.26
44			A: Perforated, Steel, Square Ceiling Diffuser With 4-Way Adjustable Discharge Pattern	EA	5	0%	5	1.10	\$ 60.00	\$ 66.00	\$ 139.88	\$ 205.88	\$ 1,029.40
45			A: Perforated, Steel, Square Ceiling Diffuser With 4-Way Adjustable Discharge Pattern	EA	1	0%	1	1.15	\$ 60.00	\$ 69.00	\$ 144.31	\$ 213.31	\$ 213.31
46			A: Perforated, Steel, Square Ceiling Diffuser With 4-Way Adjustable Discharge Pattern	EA	1	0%	1	1.20	\$ 60.00	\$ 72.00	\$ 145.17	\$ 217.17	\$ 217.17
47			A: Perforated, Steel, Square Ceiling Diffuser With 4-Way Adjustable Discharge Pattern	EA	3	0%	3	1.25	\$ 60.00	\$ 75.00	\$ 149.74	\$ 224.74	\$ 674.22
48			A: Perforated, Steel, Square Ceiling Diffuser With 4-Way Adjustable Discharge Pattern	EA	4	0%	4	1.25	\$ 60.00	\$ 81.00	\$ 159.53	\$ 240.53	\$ 962.12
49			B: Return/Exhaust (Flush Face) Perforated, Steel, Return Panel, TITUS PXP, Face	EA	1	0%	1	0.90	\$ 60.00	\$ 54.00	\$ 135.42	\$ 189.42	\$ 189.42
50			B: Return/Exhaust (Flush Face) Perforated, Steel, Return Panel, TITUS PXP, Face	EA	2	0%	2	0.92	\$ 60.00	\$ 55.20	\$ 136.88	\$ 192.08	\$ 384.16
51			B: Return/Exhaust (Flush Face) Perforated, Steel, Return Panel, TITUS PXP, Face	EA	1	0%	1	1.00	\$ 60.00	\$ 60.00	\$ 145.17	\$ 205.17	\$ 205.17
52			B: Return/Exhaust (Flush Face) Perforated, Steel, Return Panel, TITUS PXP, Face	EA	1	0%	1	1.05	\$ 60.00	\$ 63.00	\$ 147.53	\$ 210.53	\$ 210.53
53			B: Return/Exhaust (Flush Face) Perforated, Steel, Return Panel, TITUS PXP, Face	EA	1	0%	1	1.10	\$ 60.00	\$ 66.00	\$ 152.88	\$ 218.88	\$ 218.88
54			B: Return/Exhaust (Flush Face) Perforated, Steel, Return Panel, TITUS PXP, Face	EA	2	0%	2	1.15	\$ 60.00	\$ 69.00	\$ 157.34	\$ 226.34	\$ 452.68
55			B: Return/Exhaust (Flush Face) Perforated, Steel, Return Panel, TITUS PXP, Face	EA	2	0%	2	1.50	\$ 60.00	\$ 90.00	\$ 189.55	\$ 279.55	\$ 559.10
56			B: Return/Exhaust (Flush Face) Perforated, Steel, Return Panel, TITUS PXP, Face	EA	1	0%	1	1.65	\$ 60.00	\$ 99.00	\$ 210.42	\$ 309.42	\$ 309.42
57			B: Return/Exhaust (Flush Face) Perforated, Steel, Return Panel, TITUS PXP, Face	EA	2	0%	2	1.70	\$ 60.00	\$ 102.00	\$ 212.76	\$ 314.76	\$ 629.52
58			B: Return/Exhaust (Flush Face) Perforated, Steel, Return Panel, TITUS PXP, Face	EA	2	0%	2	2.25	\$ 60.00	\$ 135.00	\$ 345.88	\$ 480.88	\$ 961.76
59			TMR, Face Size: 8" Dia, Neck Size: 8" Dia, CFM: 200	EA	1	0%	1	0.95	\$ 60.00	\$ 57.00	\$ 138.42	\$ 195.42	\$ 195.42
60			C: Supply (Round) Steel, Round Diffuser With 2 Discharge Patterns, TITUS TMR	EA	18	0%	18	1.20	\$ 60.00	\$ 72.00	\$ 162.88	\$ 234.88	\$ 4,227.84
61			C: Supply (Round) Steel, Round Diffuser With 2 Discharge Patterns, TITUS TMR	EA	8	0%	8	1.22	\$ 60.00	\$ 73.20	\$ 164.76	\$ 237.96	\$ 1,903.68
62			C: Supply (Round) Steel, Round Diffuser With 2 Discharge Patterns, TITUS TMR	EA	7	0%	7	1.30	\$ 60.00	\$ 78.00	\$ 174.53	\$ 252.53	\$ 1,767.71
63			C: Supply (Round) Steel, Round Diffuser With 2 Discharge Patterns, TITUS TMR	EA	7	0%	7	1.35	\$ 60.00	\$ 81.00	\$ 177.34	\$ 258.34	\$ 1,808.38
64			C: Supply (Round) Steel, Round Diffuser With 2 Discharge Patterns, TITUS TMR	EA	7	0%	7	1.40	\$ 60.00	\$ 84.00	\$ 181.88	\$ 265.88	\$ 1,861.16
65			100	EA	8	0%	8	0.60	\$ 60.00	\$ 36.00	\$ 58.42	\$ 94.42	\$ 755.36
66			D: Return/Exhaust (Louvered) Louvered, Steel, Return Grille, 35° Deflection, 3/4"	EA	2	0%	2	0.65	\$ 60.00	\$ 39.00	\$ 62.88	\$ 101.88	\$ 203.76
67			D: Return/Exhaust (Louvered) Louvered, Steel, Return Grille, 35° Deflection, 3/4"	EA	6	0%	6	2.50	\$ 60.00	\$ 150.00	\$ 310.53	\$ 460.53	\$ 2,763.18
68			Schedule Not Given TAG: Transfer Air Grille, Face Size: 18"x8"	EA	2	0%	2	0.75	\$ 60.00	\$ 45.00	\$ 65.42	\$ 110.42	\$ 220.84
ROOF TOP UNIT													
69			RTU-1: Rooftop Unit, CAPTIVEAIRE CAS-HVAC3-150-20-12-ST, Nominal Tonnage	EA	1	0%	1	100.00	\$ 60.00	\$ 6,000.00	\$ 33,750.00	\$ 39,750.00	\$ 39,750.00
70			RTU-2: Rooftop Unit, CAPTIVEAIRE CAS-HVAC3-150-20-12-ST, Nominal Tonnage	EA	1	0%	1	100.00	\$ 60.00	\$ 6,000.00	\$ 33,750.00	\$ 39,750.00	\$ 39,750.00
71			RTU-3: Rooftop Unit, CAPTIVEAIRE CAS-HVAC3-150-20-12-ST, Nominal Tonnage	EA	1	0%	1	100.00	\$ 60.00	\$ 6,000.00	\$ 33,750.00	\$ 39,750.00	\$ 39,750.00
72			RTU-4: Rooftop Unit, CAPTIVEAIRE CAS-HVAC3-150-20-12-ST, Nominal Tonnage	EA	1	0%	1	100.00	\$ 60.00	\$ 6,000.00	\$ 33,750.00	\$ 39,750.00	\$ 39,750.00
73			RTU-5: Rooftop Unit, CAPTIVEAIRE CAS-HVAC3-150-20-12-ST, Nominal Tonnage	EA	1	0%	1	100.00	\$ 60.00	\$ 6,000.00	\$ 33,750.00	\$ 39,750.00	\$ 39,750.00
74			RTU-6: Rooftop Unit, CAPTIVEAIRE CAS-HVAC3-150-20-12-ST, Nominal Tonnage	EA	1	0%	1	100.00	\$ 60.00	\$ 6,000.00	\$ 33,750.00	\$ 39,750.00	\$ 39,750.00
75			RTU-7: Rooftop Unit, CAPTIVEAIRE CAS-HVAC2-150-18-10T, Nominal Tonnage	EA	1	0%	1	85.00	\$ 60.00	\$ 5,100.00	\$ 28,117.50	\$ 33,217.50	\$ 33,217.50
76			RTU-8: Rooftop Unit, CAPTIVEAIRE CAS-HVAC1-125-15-6T, Nominal Tonnage	EA	1	0%	1	60.00	\$ 60.00	\$ 3,600.00	\$ 16,125.00	\$ 19,725.00	\$ 19,725.00
77			RTU-9: Rooftop Unit, CAPTIVEAIRE CAS-HVAC1-125-15-6T, Nominal Tonnage	EA	1	0%	1	60.00	\$ 60.00	\$ 3,600.00	\$ 16,125.00	\$ 19,725.00	\$ 19,725.00
78			RTU-10: Rooftop Unit, CAPTIVEAIRE CAS-HVAC1-125-15-6T, Nominal Tonnage	EA	1	0%	1	60.00	\$ 60.00	\$ 3,600.00	\$ 16,125.00	\$ 19,725.00	\$ 19,725.00
MAKEUP AIR UNIT													
79			MAU-1: : Makeup Air Unit, CAPTIVEAIRE A1-D-500-15Z, CFM: 1000, ESP (IN)	EA	1	0%	1	27.50	\$ 60.00	\$ 1,650.00	\$ 8,371.04	\$ 10,021.04	\$ 10,021.04
80			MAU-2: : Makeup Air Unit, CAPTIVEAIRE A3-D-500-24Z, CFM: 5000, ESP (IN)	EA	1	0%	1	46.75	\$ 60.00	\$ 2,805.00	\$ 17,298.77	\$ 20,103.77	\$ 20,103.77
81			MAU-3: : Makeup Air Unit, CAPTIVEAIRE A1-D-500-15Z, CFM: 1000, ESP (IN)	EA	1	0%	1	27.50	\$ 60.00	\$ 1,650.00	\$ 8,370.00	\$ 10,020.00	\$ 10,020.00
SPLIT SYSTEM INDOOR UNIT													
82			FC-1: Fan Coil Unit, AMSUNG AC0180NADCG/AA, Supply Fan CFM: 540, Btu/h	EA	1	0%	1	6.50	\$ 60.00	\$ 390.00	\$ 1,469.92	\$ 1,859.92	\$ 1,859.92
83			FC-2: Fan Coil Unit, AMSUNG AC0180NADCG/AA, Supply Fan CFM: 735, Btu/h	EA	1	0%	1	7.25	\$ 60.00	\$ 435.00	\$ 1,643.84	\$ 2,078.84	\$ 2,078.84
84			FC-3: Fan Coil Unit, AMSUNG AC0300NHDG/AA, Supply Fan CFM: 945, Btu/h	EA	1	0%	1	9.00	\$ 60.00	\$ 540.00	\$ 2,102.84	\$ 2,642.84	\$ 2,642.84
SPLIT SYSTEM OUTDOOR UNIT													

Date: 23-Sep-26

													Date:	23-Sep-2023	
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
85			CU-1: Condensing Unit, SAMSUNG AC018DXSCF/AA, Nominal Capacity (T	EA	1	0%	1	9.00	\$ 60.00	\$ 540.00	\$ 2,784.25	\$ 3,324.25	\$ 3,324.25		
86			CU-2: Condensing Unit, SAMSUNG AC018DXSCF/AA, Nominal Capacity (T	EA	1	0%	1	10.00	\$ 60.00	\$ 600.00	\$ 3,330.32	\$ 3,930.32	\$ 3,930.32		
87			CU-3: Condensing Unit, SAMSUNG AC030DXDCG/AA, Nominal Capacity (T	EA	1	0%	1	12.00	\$ 60.00	\$ 720.00	\$ 4,322.54	\$ 5,042.54	\$ 5,042.54		
AIR CURTAIN															
88			AD-1: Air Door, MARS LPV284-2UA-OB, Length (In): 86, Max Volume (CFM):	EA	1	0%	1	6.75	\$ 60.00	\$ 405.00	\$ 2,745.00	\$ 3,150.00	\$ 3,150.00		
89			AD-2: Air Door, MARS LPV284-2UA-OB, Length (In): 86, Max Volume (CFM):	EA	1	0%	1	6.75	\$ 60.00	\$ 405.00	\$ 2,745.00	\$ 3,150.00	\$ 3,150.00		
90			AD-3: Air Door, MARS LPV284-1UA-OB, Length (In): 36, Max Volume (CFM):	EA	1	0%	1	4.25	\$ 60.00	\$ 255.00	\$ 1,250.00	\$ 1,505.00	\$ 1,505.00		
91			AD-4: Air Door, MARS HV296-2UA-TS, Length (In): 36, Max Volume (CFM): 4	EA	1	0%	1	10.00	\$ 60.00	\$ 600.00	\$ 3,450.00	\$ 4,050.00	\$ 4,050.00		
92			AD-5: Air Door, MARS HV296-2UA-TS, Length (In): 36, Max Volume (CFM): 4	EA	1	0%	1	10.00	\$ 60.00	\$ 600.00	\$ 3,450.00	\$ 4,050.00	\$ 4,050.00		
KITCHEN HOOD															
93			HD-1: Hood, CAPTIVEAIRE 5424 ND-2-PSP-F, Length: 5'-0", Exhaust CFM: 11	EA	1	0%	1	22.50	\$ 60.00	\$ 1,350.00	\$ 5,842.37	\$ 7,192.37	\$ 7,192.37		
94			HD-2: Hood, CAPTIVEAIRE 5424 ND-2-PSP-F, Length: 14'-0", Exhaust CFM: 3	EA	1	0%	1	46.00	\$ 60.00	\$ 2,760.00	\$ 15,934.82	\$ 18,694.82	\$ 18,694.82		
95			HD-3: Hood, CAPTIVEAIRE 5424 ND-2-PSP-F, Length: 12'-6", Exhaust CFM: 2	EA	1	0%	1	41.00	\$ 60.00	\$ 2,460.00	\$ 13,618.44	\$ 16,078.44	\$ 16,078.44		
96			HD-4: Hood, CAPTIVEAIRE 6024 VHB, Length: 8'-0", Exhaust CFM: 1600, MU	EA	1	0%	1	17.00	\$ 60.00	\$ 1,020.00	\$ 3,986.53	\$ 5,006.53	\$ 5,006.53		
97			HD-5: Hood, CAPTIVEAIRE 5424 ND-2-PSP-F, Length: 5'-0", Exhaust CFM: 11	EA	1	0%	1	22.50	\$ 60.00	\$ 1,350.00	\$ 5,842.37	\$ 7,192.37	\$ 7,192.37		
KITCHEN EXHAUST FAN															
98			KEF-1: Kitchen Exhaust Fan, CAPTIVEAIRE DUBHFFA, CFM: 1100, ESP (IN W	EA	1	0%	1	10.5	\$ 60.00	\$ 631.80	\$ 3,248.64	\$ 3,880.44	\$ 3,880.44		
99			KEF-2: Kitchen Exhaust Fan, CAPTIVEAIRE DU180HFA, CFM: 3000, ESP (IN	EA	1	0%	1	14.0	\$ 60.00	\$ 840.71	\$ 5,684.39	\$ 6,525.10	\$ 6,525.10		
100			KEF-3: Kitchen Exhaust Fan, CAPTIVEAIRE DU180HFA, CFM: 2800, ESP (IN	EA	1	0%	1	12.7	\$ 60.00	\$ 762.40	\$ 5,335.32	\$ 6,097.72	\$ 6,097.72		
101			KEF-4: Kitchen Exhaust Fan, CAPTIVEAIRE DUBHFFA, CFM: 1600, ESP (IN W	EA	1	0%	1	10.9	\$ 60.00	\$ 654.10	\$ 3,396.58	\$ 4,050.68	\$ 4,050.68		
102			KEF-5: Kitchen Exhaust Fan, CAPTIVEAIRE DUBHFFA, CFM: 1100, ESP (IN W	EA	1	0%	1	10.5	\$ 60.00	\$ 631.80	\$ 3,248.64	\$ 3,880.44	\$ 3,880.44		
103			KEF-6: Kitchen Exhaust Fan, GREENHECK GB-100, CFM: 500, ESP (IN WG):	EA	1	0%	1	8.2	\$ 60.00	\$ 493.76	\$ 2,142.76	\$ 2,636.52	\$ 2,636.52		
104			KEF-7: Kitchen Exhaust Fan, GREENHECK CUBE-160, CFM: 1600, ESP (IN W	EA	1	0%	1	10.8	\$ 60.00	\$ 647.33	\$ 3,087.41	\$ 3,734.74	\$ 3,734.74		
EXHAUST FAN															
105			1. With Backdraft Damper.			EA	1	0%	1	6.50	\$ 60.00	\$ 390.00	\$ 2,168.47	\$ 2,558.47	\$ 2,558.47
106	2. AMCA-500.4-11.1 - Certified			EA	1	0%	1	7.30	\$ 60.00	\$ 438.00	\$ 2,483.91	\$ 2,921.91	\$ 2,921.91		
107	EF-3: Exhaust Fan, GREENHECK GB-140, CFM: 1500, ESP (IN WG): 0.3, Fan			EA	1	0%	1	8.50	\$ 60.00	\$ 510.00	\$ 2,746.58	\$ 3,256.58	\$ 3,256.58		
108	EF-4: Exhaust Fan, GREENHECK GB-140, CFM: 1500, ESP (IN WG): 0.3, Fan			EA	1	0%	1	8.50	\$ 60.00	\$ 510.00	\$ 2,746.58	\$ 3,256.58	\$ 3,256.58		
DAMPERS															
109	8" Dia Volume Damper			EA	20	0%	20	0.58	\$ 60.00	\$ 34.80	\$ 64.98	\$ 99.78	\$ 1,995.53		
110	10" Dia Volume Damper			EA	55	0%	55	0.65	\$ 60.00	\$ 39.00	\$ 87.76	\$ 126.76	\$ 6,971.61		
111	12" Dia Volume Damper			EA	31	0%	31	0.72	\$ 60.00	\$ 43.20	\$ 108.50	\$ 151.70	\$ 4,702.69		
112	14" Dia Volume Damper			EA	7	0%	7	0.85	\$ 60.00	\$ 51.00	\$ 160.63	\$ 211.63	\$ 1,481.38		
113	14"x12" Volume Damper			EA	6	0%	6	1.30	\$ 60.00	\$ 78.00	\$ 239.57	\$ 317.57	\$ 1,905.39		
114	16" Dia Volume Damper			EA	2	0%	2	1.00	\$ 60.00	\$ 60.00	\$ 177.38	\$ 237.38	\$ 474.75		
DUCT WEIGHT															
115	Galvanized Sheet Metal Duct			LB	10511	10%	11562	0.06	\$ 60.00	\$ 3.60	\$ 3.10	\$ 6.70	\$ 77,465.41		
116	Listed Double Wall Gypsum Duct By CAPTIVEAIRE			LB	2593	10%	2852	0.10	\$ 60.00	\$ 6.00	\$ -	\$ 6.00	\$ 17,113.80		
DUCT INSULATION															
117	2" Thick 1PCF Density Fiberglass Duct Insulation W/ Vapor Barrier & Foil Jacket, OWENS CORNING			SF	7950	10%	8744	0.05	\$ 60.00	\$ 3.00	\$ 2.46	\$ 5.46	\$ 47,744.82		
DUCT LINER															
118	2" Thick 3PCF Density Fiberglass Duct Liner, OWENS CORNING			SF	1284	10%	1412	0.09	\$ 60.00	\$ 5.40	\$ 3.18	\$ 8.58	\$ 12,117.07		
MISCELLANEOUS															
119	6" Dia Roof Cap			EA	1	0%	1	0.42	\$ 60.00	\$ 25.20	\$ 48.37	\$ 73.57	\$ 73.57		
120	18" Dia Roof Cap			EA	1	0%	1	0.69	\$ 60.00	\$ 41.40	\$ 127.84	\$ 169.24	\$ 169.24		
121	8"x8" OSA Inlet Jumper W/ 50% Free Area			EA	1	0%	1	0.85	\$ 60.00	\$ 51.00	\$ 183.54	\$ 233.56	\$ 233.56		
122	16"x16" Door Lower W/ 50% Free Area			EA	8	0%	8	0.65	\$ 60.00	\$ 39.00	\$ 94.28	\$ 131.28	\$ 1,066.24		
123	21"x21" Flexible Connection (10" Long)			EA	3	0%	3	0.32	\$ 60.00	\$ 19.20	\$ 53.14	\$ 72.34	\$ 217.02		
124	28"x10" Flexible Connection (10" Long)			EA	3	0%	3	0.34	\$ 60.00	\$ 20.40	\$ 57.88	\$ 78.28	\$ 234.84		
125	32"x24" Flexible Connection (10" Long)			EA	1	0%	1	0.41	\$ 60.00	\$ 24.60	\$ 71.42	\$ 96.02	\$ 96.02		
126	36"x9" Flexible Connection (10" Long)			EA	1	0%	1	0.36	\$ 60.00	\$ 21.60	\$ 61.97	\$ 83.57	\$ 83.57		
127	43"x23" Flexible Connection (10" Long)			EA	6	0%	6	0.45	\$ 60.00	\$ 27.00	\$ 79.65	\$ 106.65	\$ 639.90		
128	46"x14" Flexible Connection (10" Long)			EA	6	0%	6	0.44	\$ 60.00	\$ 26.40	\$ 77.29	\$ 103.69	\$ 622.14		
129	50"x24" Lined Return Air Plenum W/ Merv-13 Air Filter			EA	2	0%	2	2.35	\$ 60.00	\$ 141.00	\$ 482.33	\$ 623.33	\$ 1,246.66		
130	50"x24" Lined Supply Air Plenum			EA	2	0%	2	2.18	\$ 60.00	\$ 130.80	\$ 443.12	\$ 573.92	\$ 1,147.84		
131	75"x27" Ceiling Access Panel			EA	2	0%	2	1.12	\$ 60.00	\$ 67.20	\$ 231.48	\$ 298.68	\$ 597.36		
132	Programmable Humidistat			EA	2	0%	2	0.75	\$ 60.00	\$ 45.00	\$ 119.72	\$ 164.72	\$ 329.44		
133	Programmable Thermostat			EA	2	0%	2	1.00	\$ 60.00	\$ 60.00	\$ 175.61	\$ 235.61	\$ 471.22		
134	Smoke Detector			EA	12	0%	12	0.75	\$ 60.00	\$ 45.00	\$ 110.56	\$ 155.56	\$ 1,866.72		
PIPE SUPPORTS															
135	14" Dia adjustable Clevis Hanger			EA	7	0%	7	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -		
136	12" Dia adjustable Clevis Hanger			EA	7	0%	7	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -		
137	3/8" Dia adjustable Clevis Hanger			EA	28	0%	28	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -		
138	5/8" Dia adjustable Clevis Hanger			EA	28	0%	28	0.00	\$ 60.00	\$ -	\$ -	\$ -	\$ -		
139	3/8" Dia Threaded Rod (1 Ea. = 1 FT)			EA	70	0%	70	0.10	\$ 60.00	\$ 6.00	\$ 1.97	\$ 7.97	\$ 557.90		
DUCT SUPPORTS															
140	3/8" Threaded Rod			EA	544	0%	544	0.15	\$ 60.00	\$ 9.00	\$ 9.57	\$ 18.57	\$ 10,102.08		
141	1" x 22 Ga. Strap			EA	272	0%	272	0.10	\$ 60.00	\$ 6.00	\$ 3.42	\$ 9.42	\$ 2,562.24		

PROJECTED COST		
OVERHEAD AND PROFIT		\$800,966
INSURANCE	30 %	\$240,290
CONTINGENCY	3 %	\$24,029
TAX	5 %	\$40,048
	8 %	\$41,207
SUGGESTED BID		\$1,146,540

Notes:

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

BREAKDOWN OF DUCT ITEMS

Prepared for: Superior Grocers Tenant Improvement Superior Grocers #121, 151 W. Baseline Road, Blythe, CA 92576
 Project ID: 28012026
 Scope: Mechanical



Date: 23-Sep-26

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
HVAC					
GALVANIZED SHEET METAL DUCT					
1	8" Dia Supply Air Duct	LF	109	10%	119
2	10" Dia Supply Air Duct	LF	656	10%	721
3	12" Dia Supply Air Duct	LF	434	10%	477
4	14" Dia Supply Air Duct	LF	203	10%	223
5	16" Dia Supply Air Duct	LF	230	10%	253
6	18" Dia Supply Air Duct	LF	72	10%	80
7	20" Dia Supply Air Duct	LF	40	10%	44
8	22" Dia Supply Air Duct	LF	55	10%	60
9	24" Dia Supply Air Duct	LF	79	10%	87
10	21"x21" Supply Air Duct (Lined)	LF	21	10%	23
11	33"x24" Supply Air Duct (Lined)	LF	7	10%	8
12	43"x23" Supply Air Duct (Lined)	LF	42	10%	46
13	10" Dia Return Air Duct	LF	62	10%	68
14	14" Dia Return Air Duct	LF	80	10%	88
15	16" Dia Return Air Duct	LF	11	10%	12
16	18" Dia Return Air Duct	LF	22	10%	24
17	22" Dia Return Air Duct	LF	7	10%	7
18	28"x10" Return Air Duct (Lined)	LF	21	10%	23
19	30"x24" Return Air Duct	LF	5	10%	6
20	36"x9" Return Air Duct (Lined)	LF	7	10%	8
21	46"x14" Return Air Duct (Lined)	LF	42	10%	46
22	6" Dia Outside Air Duct	LF	39	10%	43
23	12" Dia Makeup Air Duct	LF	24	10%	27
24	16" Dia Makeup Air Duct	LF	23	10%	26
25	18" Dia Makeup Air Duct	LF	14	10%	15
26	13"x12" Makeup Air Duct	LF	7	10%	8
27	14"x12" Makeup Air Duct	LF	21	10%	23
28	20"x12" Makeup Air Duct	LF	12	10%	13
29	22"x19" Makeup Air Duct	LF	7	10%	8
30	28"x12" Makeup Air Duct	LF	18	10%	20
31	30"x22" Makeup Air Duct	LF	25	10%	28
32	18x8" Transfer Air Duct	LF	2	10%	2
33	8" Dia Exhaust Air Duct	LF	95	10%	105
34	10" Dia Exhaust Air Duct	LF	24	10%	27
35	12" Dia Exhaust Air Duct	LF	30	10%	33
36	14" Dia Exhaust Air Duct	LF	47	10%	51
37	18" Dia Exhaust Air Duct	LF	21	10%	23
38	16" Dia Grease Exhaust Duct	LF	48	10%	53
39	18" Dia Grease Exhaust Duct	LF	19	10%	21
40	22" Dia Grease Exhaust Duct	LF	37	10%	41