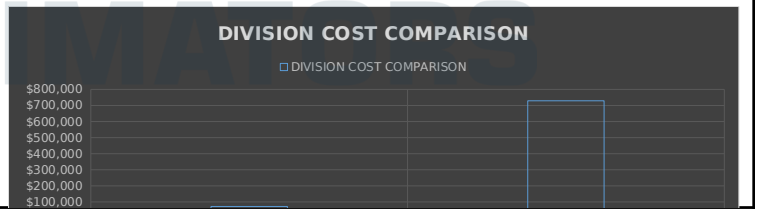
GENERAL SUMMARY

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

USA ESTIMATORS

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



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DETAILED BREAKDOWN OF ITEMS

Prepared for: Superior Grocers Tenant Improvement Superior Grocers #121, 151 W. Baseline Road Rialto, CA 92376
Project ID: 28012026
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Date: 23-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			GENERAL REQUIREMENTS										
1			Permits	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 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
												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 Clesed 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 Clesed 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 Clesed Cell Armaflex Insulation										
27			3/8" Dia Refrigerant Liquid Pipe	LF	270	10%	297	0.00	$ 60.00	$ -	$ -	$ -	$ -
			1" Thick ARMSTRONG Clesed 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		By Refrigeration Contractor	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 Clesed Cell Armaflex Insulation										
35			3/8" Dia Refrigerant Liquid Pipe	LF	154	10%	169	0.00	$ 60.00	$ -	$ -	$ -	$ -
			1" Thick ARMSTRONG Clesed 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 Pa	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 Pa	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 Pa	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 Pa	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 Pa	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 Pa	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 Pa	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 Pa	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 Pa	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 Pa	EA	4	0%	4	1.35	$ 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 Remarks:	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-I.150-20-12.5T, Nominal To	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-I.150-20-12.5T, Nominal To	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-I.150-20-12.5T, Nominal To	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-I.150-20-12.5T, Nominal To	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-I.150-20-12.5T, Nominal To	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-I.150-20-12.5T, Nominal To	EA	1	0%	1	100.00	$ 60.00	$ 6,000.00	$ 33,750.00	$ 39,750.00	$ 39,750.00
75	M2.0, M3.0 & R3.0		RTU-7: Rooftop Unit, CAPTIVEAIRE CAS-HVAC2-I.150-18-10T, Nominal Ton	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-I.125-15-6T, Nominal Tonn	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-I.125-15-6T, Nominal Tonn	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-I.125-15-6T, Nominal Ton	EA	1	0%	1	60.00	$ 60.00	$ 3,600.00	$ 16,125.00	$ 19,725.00	$ 19,725.00
			MAKE-UP AIR UNIT										
79			MAU-1: : Markup Air Unit, CAPTIVEAIRE A1-D.500-15D, 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: : Markup Air Unit, CAPTIVEAIRE A3-D.500-24D, 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: : Markup Air Unit, CAPTIVEAIRE A1-D.500-15D, 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 AC018DNADCG/AA, Supply Fan CFM: 540, BH	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 AC018DNADCG/AA, Supply Fan CFM: 735, BH	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 AC030DNHDCG/AA, Supply Fan CFM: 945, BH	EA	1	0%	1	9.00	$ 60.00	$ 540.00	$ 2,102.84	$ 2,642.84	$ 2,642.84
			SPLIT SYSTEM OUTDOOR UNIT										

USA ESTIMATORS

DETAILED BREAKDOWN OF ITEMS

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USA ESTIMATORS

Date: 23-Sep-26

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85			CU-1: Condensing Unit, SAMSUNG AC018DXSCCF/AA, Nominal Capacity (To	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 AC018DXSCCF/AA, Nominal Capacity (To	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 AC030DXADCG/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 DU85HFA, CFM: 1100, ESP (IN V	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	13.7	$ 60.00	$ 822.49	$ 5,512.83	$ 6,335.32	$ 6,335.32
101			KEF-4: Kitchen Exhaust Fan, CAPTIVEAIRE DU85HFA, CFM: 1600, ESP (IN V	EA	1	0%	1	10.9	$ 60.00	$ 656.10	$ 3,396.58	$ 4,052.68	$ 4,052.68
102			KEF-5: Kitchen Exhaust Fan, CAPTIVEAIRE DU85HFA, CFM: 1100, ESP (IN V	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. 3: AMCA Seal & UL Certified.	EA	1	0%	1	6.50	$ 60.00	$ 390.00	$ 2,168.47	$ 2,558.47	$ 2,558.47
106			EF-2: Exhaust Fan, GREENHECK GB-130, CFM: 900, ESP (IN WG): 0.5, Fan R	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 I	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 I	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 Grease 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 Intake Louver W/ 50% Free Area	EA	1	0%	1	0.85	$ 60.00	$ 51.00	$ 182.56	$ 233.56	$ 233.56
122			16"x16" Door Louver W/ 50% Free Area	EA	8	0%	8	0.65	$ 60.00	$ 39.00	$ 94.28	$ 133.28	$ 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		**Size Assumed**	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			1/4" Dia adjustable Clevis Hanger	EA	7	0%	7	0.00	$ 60.00	$ -	$ -	$ -	$ -
136			1/2" 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
												SUBTOTAL	$ 728,966

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

Notes:

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

USA ESTIMATORS

+1 (214) 556-2605

BREAKDOWN OF DUCT ITEMS

Prepared for: Superior Grocers Tenant Improvement Superior Grocers #121, 151 W. Baseline Road Rialto, CA 92376
Project ID: 28012026
Scope: Mechanical

USA ESTIMATORS

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

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