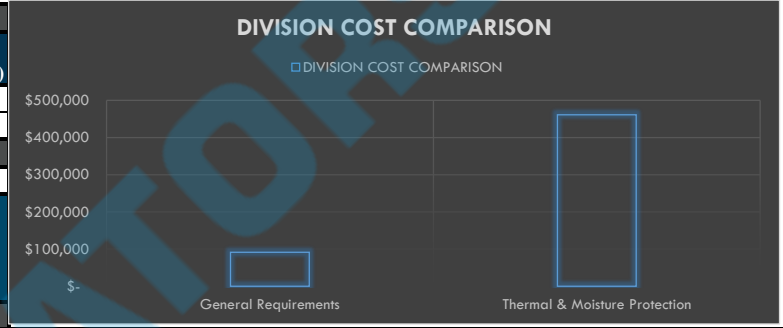


## GENERAL SUMMARY

**Prepared for:** MINNESTA 55109  
**Project ID:**  
**Scope:** THERMAL & MOISTURE PROTECTION  
**No. Of Floors:** 5  
**Date:** 19-Nov-23



<b>BUILDING GSF</b>		142,711	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 91,500	\$ 0.64
7000	Thermal & Moisture Protection	\$ 461,269	\$ 3.23
<b>TOTAL TRADE COST</b>		<b>\$ 552,769</b>	<b>\$ 3.87</b>
<b>OVERHEAD AND PROFIT</b>			
	15%	\$ 82,915	\$ 0.58
INSURANCE	3%	\$ 16,583	\$ 0.12
CONTINGENCY	5%	\$ 27,638	\$ 0.19
TAX	8.38%	#REF!	\$ 0.32
<b>SUGGESTED BID</b>		<b>#REF!</b>	<b>\$ 5.09</b>



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: MINNESTA 55109  
 Project ID:  
 Scope: THERMAL & MOISTURE PROTECTION



Date: 18-Nov-23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTIT Y	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
<b>GENERAL REQUIREMENTS</b>															
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -		\$ -		
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 47,500.00	\$ 47,500.00		
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 3,500.00	\$ 3,500.00		
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00		
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 30,000.00	\$ 30,000.00		
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00		
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00		
												<b>SUBTOTAL</b>	\$ 91,500		
<b>THERMAL &amp; MOISTURE PROTECTION</b>															
<b>ROOFING</b>															
<b>VESTIBULE ROOF &amp; LOWER ROOF</b>															
8	A160 & A161	A160 & A161	60 Mil. Fully Adhered Thermoplastic Polyolefin Roofing System	SF	385	10%	424	0.013	\$ 48.00	\$ 0.62	\$ 1.41	\$ 2.03	\$ 861.40		
9			Protection Board	SF	385	10%	424	0.015	\$ 48.00	\$ 0.72	\$ 1.02	\$ 1.74	\$ 736.89		
10			Tapered Insulation R-30	SF	385	10%	424	0.014	\$ 48.00	\$ 0.67	\$ 2.25	\$ 2.92	\$ 1,237.47		
11			Smart Vapor Retarder	SF	385	10%	424	0.012	\$ 48.00	\$ 0.58	\$ 0.23	\$ 0.81	\$ 341.34		
12			(0'-8" x 1'-0") Scupper	EA	3	0%	3	0.458	\$ 48.00	\$ 21.98	\$ 47.00	\$ 68.98	\$ 206.95		
13			(0'-6" x 1'-0") Scupper	EA	2	0%	2	0.450	\$ 48.00	\$ 21.60	\$ 42.50	\$ 64.10	\$ 128.20		
14			Pre-Finished Aluminium Downspout	LF	61	0%	61	0.045	\$ 48.00	\$ 2.16	\$ 5.80	\$ 7.96	\$ 488.03		
<b>UPPER ROOF</b>															
15					Pre-Finished Metal Parapet Cap W/ Keeper	LF	1493	10%	1642	0.025	\$ 48.00	\$ 1.20	\$ 7.18	\$ 8.38	\$ 13,762.47
16					Hemmed Drip Edge	LF	1493	10%	1642	0.022	\$ 48.00	\$ 1.06	\$ 4.36	\$ 5.42	\$ 8,894.70
17					Fully Adhered Roof Membrane @ Parapet	SF	3253	10%	3578	0.013	\$ 48.00	\$ 0.62	\$ 1.05	\$ 1.67	\$ 5,990.07
18					Slip Sheet Overlapped & Seamed	SF	1714.93	10%	1886	0.015	\$ 48.00	\$ 0.72	\$ 0.45	\$ 1.17	\$ 2,207.11
19					Vegetated Roof Module W/ Engineered Soil & Green Roof Plants	SF	1714.93	10%	1886	0.025	\$ 48.00	\$ 1.20	\$ 3.49	\$ 4.69	\$ 8,847.32
20					60 Mil. Fully Adhered Thermoplastic Polyolefin Roofing System	SF	35791	10%	39370	0.013	\$ 48.00	\$ 0.62	\$ 1.05	\$ 1.67	\$ 65,905.55
21			Protection Board	SF	35791	10%	39370	0.015	\$ 48.00	\$ 0.72	\$ 1.02	\$ 1.74	\$ 68,503.97		
22			Tapered Insulation R-30	SF	35791	10%	39370	0.012	\$ 48.00	\$ 0.58	\$ 1.75	\$ 2.33	\$ 91,574.85		
23			Smart Vapor Retarder	SF	35791	10%	39370	0.012	\$ 48.00	\$ 0.58	\$ 0.23	\$ 0.81	\$ 31,732.30		
24			Roof Cricket	SF	48.14	10%	53	0.022	\$ 48.00	\$ 1.06	\$ 4.32	\$ 5.38	\$ 284.68		
25			(11'-0" x 8'-0") Scupper	EA	1	0%	1	0.985	\$ 48.00	\$ 47.28	\$ 93.00	\$ 140.28	\$ 140.28		
26			(8'-4" x 2'-10") Roof Hatch	EA	1	0%	1	1.868	\$ 48.00	\$ 89.66	\$ 3,920.00	\$ 4,009.66	\$ 4,009.66		
27			(2'-0" x 2'-0") Genflex TPO Walkway Pad	EA	177	0%	177	0.250	\$ 48.00	\$ 12.00	\$ 24.00	\$ 24.00	\$ 4,248.00		
28			Flashing @ Roof Drain	LF	76	10%	84	0.020	\$ 48.00	\$ 0.96	\$ 5.99	\$ 6.95	\$ 580.71		
29			Flashing @ Scupper	LF	38	10%	42	0.020	\$ 48.00	\$ 0.96	\$ 5.99	\$ 6.95	\$ 290.43		
30			Metal Coping	LF	121	10%	133	0.025	\$ 48.00	\$ 1.20	\$ 7.25	\$ 8.45	\$ 1,122.28		
31			Wall To Roof Flashing	LF	172	10%	190	0.015	\$ 48.00	\$ 0.72	\$ 2.25	\$ 2.97	\$ 563.30		
32			3'-6" H. Pre. Finish Aluminium Guardrail W/ Glass Panel	LF	63	10%	69	0.480	\$ 48.00	\$ 23.04	\$ 150.00	\$ 173.04	\$ 11,991.67		
33			Vented Open Aluminium Soffit	SF	425.6	10%	468	0.025	\$ 48.00	\$ 1.20	\$ 2.28	\$ 3.48	\$ 1,629.20		
<b>WINDOWS / STOREFRONTS / BALCONIES</b>															
<b>BALCONY OPENINGS INSTALLATION</b>															
<b>Balcony Opening Sill:</b>															
34			Pan Flashing W/ End Dams & Up-Turned Back Dam W/ Sealant	LF	721	10%	793	0.025	\$ 48.00	\$ 1.20	\$ 4.10	\$ 5.30	\$ 4,203.43		
35			Sam Flashing	LF	1442	10%	1586	0.016	\$ 48.00	\$ 0.77	\$ 0.37	\$ 1.14	\$ 1,805.10		
36			Sill Flashing W/ Sealant	LF	721	10%	793	0.025	\$ 48.00	\$ 1.20	\$ 4.10	\$ 5.30	\$ 4,203.43		
37			Pre Finished Metal Flashing W/ Drip Edge	LF	721	10%	793	0.028	\$ 48.00	\$ 1.34	\$ 7.28	\$ 8.62	\$ 6,839.69		
<b>Balcony Opening Head:</b>															
38			Sam Flashing	LF	721	10%	793	0.016	\$ 48.00	\$ 0.77	\$ 0.37	\$ 1.14	\$ 902.55		

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: MINNESTA 55109  
 Project ID:  
 Scope: THERMAL & MOISTURE PROTECTION



Date: 18-Nov-23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTIT Y	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
39	A200 & A201	A200 & A201	Sealant	LF	1442	10%	1586	0.010	\$ 48.00	\$ 0.48	\$ 0.45	\$ 0.93	\$ 1,475.17		
40			Membrane Flashing W/ Drip Edge & End Dams W/ Sealant	LF	721	10%	793	0.022	\$ 48.00	\$ 1.06	\$ 2.75	\$ 3.81	\$ 3,018.54		
41			Sealant W/ Backer Rod	LF	1442	10%	1586	0.013	\$ 48.00	\$ 0.62	\$ 0.55	\$ 1.17	\$ 1,862.20		
			<b>Balcony Opening Jamb:</b>												
42			Sam Flashing	LF	1510	10%	1661	0.016	\$ 48.00	\$ 0.77	\$ 0.37	\$ 1.14	\$ 1,890.19		
43			Pre Finished Metal Flashing W/ Hemmed Edge	LF	1510	10%	1661	0.028	\$ 48.00	\$ 1.34	\$ 7.28	\$ 8.62	\$ 14,324.27		
44			Sealant W/ Backer Rod	LF	3020	10%	3322	0.013	\$ 48.00	\$ 0.62	\$ 0.55	\$ 1.17	\$ 3,899.98		
45			Sealant	LF	3020	10%	3322	0.010	\$ 48.00	\$ 0.48	\$ 0.45	\$ 0.93	\$ 3,089.46		
46			Vapor Retarder	LF	1510	10%	1661	0.012	\$ 48.00	\$ 0.58	\$ 0.18	\$ 0.76	\$ 1,255.72		
			<b>WINDOW INSTALLATION</b>												
			<b>Window Sill @ Brick:</b>												
47			Vapor Retarder	LF	333	10%	366	0.012	\$ 48.00	\$ 0.58	\$ 0.18	\$ 0.76	\$ 276.51		
48			Sam Flashing	LF	333	10%	366	0.016	\$ 48.00	\$ 0.77	\$ 0.37	\$ 1.14	\$ 416.22		
49			Sealant W/ Backer Rod	LF	665	10%	732	0.013	\$ 48.00	\$ 0.62	\$ 0.55	\$ 1.17	\$ 858.78		
			<b>Window Head @ Brick:</b>												
50			Vapor Retarder	LF	333	10%	366	0.012	\$ 48.00	\$ 0.58	\$ 0.18	\$ 0.76	\$ 276.51		
51			Sam Flashing	LF	665	10%	732	0.016	\$ 48.00	\$ 0.77	\$ 0.37	\$ 1.14	\$ 832.45		
52			Sealant W/ Backer Rod	LF	665	10%	732	0.013	\$ 48.00	\$ 0.62	\$ 0.55	\$ 1.17	\$ 858.78		
53			Sealant	LF	665	10%	732	0.010	\$ 48.00	\$ 0.48	\$ 0.45	\$ 0.93	\$ 680.30		
54			Membrane Flashing W/ Drip Edge & End Dams W/ Sealant	LF	665	10%	732	0.022	\$ 48.00	\$ 1.06	\$ 2.75	\$ 3.81	\$ 2,784.09		
			<b>Window Jamb @ Brick:</b>												
55			Sam Flashing	LF	767	10%	844	0.016	\$ 48.00	\$ 0.77	\$ 0.37	\$ 1.14	\$ 960.13		
56			Pre Finished Metal Flashing W/ Hemmed Edge	LF	767	10%	844	0.028	\$ 48.00	\$ 1.34	\$ 7.28	\$ 8.62	\$ 7,276.07		
57			Sealant W/ Backer Rod	LF	1534	10%	1687	0.013	\$ 48.00	\$ 0.62	\$ 0.55	\$ 1.17	\$ 1,981.01		
58			Sealant	LF	1534	10%	1687	0.010	\$ 48.00	\$ 0.48	\$ 0.45	\$ 0.93	\$ 1,569.28		
			<b>Window Sill @ Siding:</b>												
59			Vapor Retarder	LF	1817	10%	1999	0.012	\$ 48.00	\$ 0.58	\$ 0.18	\$ 0.76	\$ 1,511.02		
60			Sam Flashing	LF	1817	10%	1999	0.016	\$ 48.00	\$ 0.77	\$ 0.37	\$ 1.14	\$ 2,274.52		
61			Sealant W/ Backer Rod	LF	3634	10%	3997	0.013	\$ 48.00	\$ 0.62	\$ 0.55	\$ 1.17	\$ 4,692.95		
			<b>Window Head @ Siding:</b>												
62			Vapor Retarder	LF	1817	10%	1999	0.012	\$ 48.00	\$ 0.58	\$ 0.18	\$ 0.76	\$ 1,511.02		
63			Sam Flashing	LF	3634	10%	3997	0.016	\$ 48.00	\$ 0.77	\$ 0.37	\$ 1.14	\$ 4,549.04		
64			Sealant W/ Backer Rod	LF	1817	10%	1999	0.013	\$ 48.00	\$ 0.62	\$ 0.55	\$ 1.17	\$ 2,346.47		
65			Sealant	LF	1817	10%	1999	0.010	\$ 48.00	\$ 0.48	\$ 0.45	\$ 0.93	\$ 1,858.79		
66			Metal Flashing W/ Drip Edge & End Dams W/ Sealant	LF	1817	10%	1999	0.028	\$ 48.00	\$ 1.34	\$ 7.28	\$ 8.62	\$ 17,236.79		
			<b>Window Jamb @ Siding:</b>												
67			Sam Flashing	LF	4225	10%	4648	0.016	\$ 48.00	\$ 0.77	\$ 0.37	\$ 1.14	\$ 5,288.86		
68			Sealant W/ Backer Rod	LF	8450	10%	9295	0.013	\$ 48.00	\$ 0.62	\$ 0.55	\$ 1.17	\$ 10,912.33		
69			Sealant	LF	8450	10%	9295	0.010	\$ 48.00	\$ 0.48	\$ 0.45	\$ 0.93	\$ 8,644.35		
			<b>STOREFRONT INSTALLATION</b>												
			<b>Storefront Sill</b>												
70			Vapor Retarder	LF	151	10%	166	0.012	\$ 48.00	\$ 0.58	\$ 0.18	\$ 0.76	\$ 125.85		
71			Sam Flashing	LF	303	10%	333	0.016	\$ 48.00	\$ 0.77	\$ 0.37	\$ 1.14	\$ 378.88		
72			Membrane Flashing W/ Drip Edge	LF	151	10%	166	0.022	\$ 48.00	\$ 1.06	\$ 2.75	\$ 3.81	\$ 633.58		

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: MINNESTA 55109  
 Project ID:  
 Scope: THERMAL & MOISTURE PROTECTION



Date: 18-Nov-23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTIT Y	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
73			Pre Finished Metal Flashing W/ Drip Edge, End Dams, & Up-Turned Back Dam	LF	151	10%	166	0.028	\$ 48.00	\$ 1.34	\$ 7.28	\$ 8.62	\$ 1,435.63
74			Sealant W/ Backer Rod	LF	303	10%	333	0.013	\$ 48.00	\$ 0.62	\$ 0.55	\$ 1.17	\$ 390.87
			<b>Storefront Head:</b>										
75			Vapor Retarder	LF	151	10%	166	0.012	\$ 48.00	\$ 0.58	\$ 0.18	\$ 0.76	\$ 125.85
76			Sam Flashing	LF	303	10%	333	0.016	\$ 48.00	\$ 0.77	\$ 0.37	\$ 1.14	\$ 378.88
77			Membrane Flashing W/ Drip Edge & End Dams W/ Sealant	LF	151	10%	166	0.022	\$ 48.00	\$ 1.06	\$ 2.75	\$ 3.81	\$ 633.58
78			Sealant	LF	151	10%	166	0.010	\$ 48.00	\$ 0.48	\$ 0.45	\$ 0.93	\$ 154.82
79			Sealant W/ Backer Rod	LF	303	10%	333	0.013	\$ 48.00	\$ 0.62	\$ 0.55	\$ 1.17	\$ 390.87
			<b>Storefront Jambs:</b>										
80			Sam Flashing	LF	407	10%	447	0.016	\$ 48.00	\$ 0.77	\$ 0.37	\$ 1.14	\$ 509.07
81			Sealant W/ Backer Rod	LF	813	10%	895	0.013	\$ 48.00	\$ 0.62	\$ 0.55	\$ 1.17	\$ 1,050.34
82			Sealant	LF	407	10%	447	0.010	\$ 48.00	\$ 0.48	\$ 0.45	\$ 0.93	\$ 416.02
<b>SUBTOTAL</b>												\$ 461,269	
<b>PROJECTED COST</b>												\$552,769	
<b>OVERHEAD AND PROFIT</b>												15%	\$82,915
<b>INSURANCE</b>												3%	\$16,583
<b>CONTINGENCY</b>												5%	\$27,638
<b>TAX</b>												8.38%	\$0
<b>SUGGESTED BID</b>												\$679,906	