



Final Estimate

Jared Witt

F.H. Paschen

20-16 - 2020 City of Aurora JOC F.H. Paschen - Third Option - 10/01/2023 to

9/30/2024

Aurora GAR Memorial - Windows & Tower Merlons - 4623-316

Estimator: Jared Witt

Summary of tagged estimates...

Division Summary (MF04)

01 - General Requirements	\$38,077.50
02 - Existing Conditions	
03 - Concrete	
04 - Masonry	\$14,700.36
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	\$1,464.92
08 - Openings	\$320.00
09 - Finishes	
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	
25 - Integrated Automation	

Totalling Components

Priced Line Items	\$103,170.05
RSMeans CHICAGO, IL CCI 2024Q2, 118.10%	\$18,673.79

26 - Electrical	
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	
32 - Exterior Improvements	
33 - Utilities	
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	
Alternate	\$48,607.27
Trades	
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$103,170.05

2020 City of Aurora JOC F.H. Paschen Standard (-7.0000%)	\$(8,529.07)
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Grand Total \$113,314.77

Estimator: Jared Witt

Combined estimates...

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-21-53-50-0550-L Cost adjustment factors, cut & patch to match existing construction, add to construction costs for particular job requirements, maximum	Costs	113,500.0000	9.0000%	\$10,215.00	RSM22FAC
2	01-21-53-50-0800-L Cost adjustment factors, dust protection, add to construction costs for particular job requirements, minimum	Costs	113,500.0000	2.0000%	\$2,270.00	RSM22FAC
3	01-54-33-40-0105-2 Rent per day for rent aerial lift, telescoping boom to 45' high, 500 lb. capacity, diesel 45' boom lift for window replacement for 2 weeks	Ea.	10.0000	\$563.44	\$5,634.40	RSM22FAC
4	01-54-33-40-0105-2 Rent per day for rent aerial lift, telescoping boom to 45' high, 500 lb. capacity, diesel 45' boom lift for masonry for 4 weeks	Ea.	20.0000	\$563.44	\$11,268.80	RSM22FAC
5	01-54-33-40-6000-2 Rent per day for rent masonry saw 14" diameter 5 HP (2) masonry saws for (1) week	Ea.	10.0000	\$89.73	\$897.30	RSM22FAC
6	01-54-36-50-1200 Mobilization or demobilization, delivery charge for small equipment, placed in rear of, or towed by pickup truck Mobilize and demobilize crews	Ea.	4.0000	\$228.00	\$912.00	RSM22FAC
7	01-54-36-50-1300 Mobilization or demobilization, delivery charge for equipment, hauled on 3-ton capacity towed trailer Mobilize and demobilize lifts	Ea.	4.0000	\$370.00	\$1,480.00	RSM22FAC
8	01-93-13-08-1520 Door & window facilities maintenance, remove and reset window, interior/exterior trim and painting Remove, paint, and reset window.	Ea.	10.0000	\$540.00	\$5,400.00	RSM22FAC
01 - General Requirements Total					\$38,077.50	
04 - Masonry						
9	04-05-13-30-0100 Mortar, masonry cement, 1:1:6 mix, type M Caps and Brick 0.25' depth x 137 sf = 34.25 Pour slope on Bartizan for drainage .5' x 63.6 = 31.8 34.25+31.8 = 66.05	C.F.	66.0500	\$11.75	\$776.09	RSM22FAC
10	04-41-10-10-0100 Rough stone, wall, under 18" thick, dry laid (no mortar), random fieldstone Install 12 new deteriorating stone units below caps 24" x 15" x 6" (2*1.25*.5)*12 = 15.00	C.F.	15.0000	\$59.00	\$885.00	RSM22FAC
11	04-43-10-55-2100 Limestone lintel, sugarcube finish, simple Furnish and install 37 new merlon caps 28" L x 15" W x 6" H (2.33*1.25*.5)*37 = 53.88	C.F.	53.8813	\$242.00	\$13,039.27	RSM22FAC
04 - Masonry Total					\$14,700.36	
07 - Thermal and Moisture Protection						

Estimator: Jared Witt

Combined estimates...

07 - Thermal and Moisture Protection

Item	Description	UM	Quantity	Unit Cost	Total	Book
12 07-13-53-10-3300	Elastomeric sheet waterproofing, bitumen modified polyurethane, 55 mils thick, fluid applied Furnish and install polyurethane waterproofing on crenels between merlons, and over bartizan cap 375+63.6 = 438.60	S.F.	438.6000	\$3.34	\$1,464.92	RSM22FAC

07 - Thermal and Moisture Protection Total **\$1,464.92**

08 - Openings

13 08-05-05-20-2020	Window demolition, wood, to 25 S.F., remove old window Removal of old wood from existing windows.	Ea.	10.0000	\$32.00	\$320.00	RSM22FAC
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08 - Openings Total **\$320.00**

Alternate

14 04-41-10-10-0100	Demo - Rough stone, wall, under 18" thick, dry laid (no mortar), random fieldstone Demolish and dispose of existing 12 new deteriorating stone units below caps (2*1.25*.5)*12 = 15.00	C.F.	15.0000	\$43.43	\$651.45	CUSTOM
15 04-43-10-55-2100	Demo - Limestone lintel, sugarcube finish, simple Remove existing 37 new merlon caps (2.33*1.25*.5)*37 = 53.88	C.F.	53.8813	\$139.70	\$7,527.22	CUSTOM
16 06-22-13-40-2630	Exterior trim and moldings, door and window casing, pine, D & better, 1" x 3" Material cost for wood trim 13 bricks tall * 6" bricks * 2 sides + 1ft of width * 10 windows ((13*.5)*2+1)*10 = 140.00	L.F.	140.0000	\$1.21	\$169.40	CUSTOM
17 CARP	Carpentry Crew Carpenters to replace wood in windows as required, including washing both sides of window	Daily	5.0000	\$2,815.84	\$14,079.20	CUSTOM
18 STON	Stone Mason Crew - 2024 - RSMMeans Standard Books O&P Stone masons to grind existing mortar joints, install new joints, pour angled cap on rounded batizan	Daily	10.0000	\$2,618.00	\$26,180.00	CUSTOM

Alternate Total **\$48,607.27**

Estimate Grand Total **113,314.77**