



Final Estimate

Mark Holmes

F.H. Paschen

20-16 - 2020 City of Aurora JOC F.H. Paschen - Basic Contract Year -

10/01/2020 to 9/30/2021

Aurora Police Department CIIC Build Out - 4623-018

Estimator: Mark Holmes

Summary of tagged estimates...

Division Summary (MF04)

01 - General Requirements	\$10,528.80
02 - Existing Conditions	\$1,150.00
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	
09 - Finishes	\$45,343.80
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	\$78,389.96
RSMeans CHICAGO, IL CCI 2021Q1, 121.60%	\$16,932.23

Material, Labor, and Equipment Totals (No Totalling Components)

Material:	\$45,416.13
Labor:	\$31,627.33
Equipment:	\$466.50
Other:	\$880.00
Laborhours:	365.56
Green Line Items:0	\$0.00

26 - Electrical	\$10,072.00
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	\$8,804.96
Trades	\$2,490.40
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$78,389.96

2020 City of Aurora JOC F.H. Paschen Standard (-7.0000%)	\$(6,672.57)
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Grand Total

\$88,649.62

Estimator: Mark Holmes

Carpentry and Painting

Division Summary (MF04)

01 - General Requirements	
02 - Existing Conditions	
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	
09 - Finishes	\$4,879.80
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	\$7,485.40
RSMeans CHICAGO, IL CCI 2021Q1, 121.60%	\$1,616.85

Material, Labor, and Equipment Totals (No Totalling Components)

Material:	\$1,265.89
Labor:	\$6,219.51
Equipment:	\$0.00
Other:	\$0.00
Laborhours:	90.64
Green Line Items:0	\$0.00

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	\$115.20
Trades	\$2,490.40
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$7,485.40

2020 City of Aurora JOC F.H. Paschen Standard (-7.0000%)	\$(637.16)
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Estimate Grand Total

\$8,465.09

Final Estimate

Estimator: Mark Holmes

Carpentry and Painting

Item	Description	UM	Quantity	Unit Cost	Total	Book	
09 - Finishes							
1	09-01-70-10-0160	Gypsum wallboard, repairs, cut square, patch, sand and finish, holes, 4" to 8" square Patch drywall at locations of new TV monitors.	Ea.	10.0000	\$64.50	\$645.00	RSM20MCOM M, L, O&P
2	09-21-16-33-6000	Partition wall, interior, fire resistant, 2 layers, 2 hour, taped both sides, installed on & incl. 2" x 4" wood studs, 16" OC, 8' to 12' high, 5/8" gypsum drywall Furnish and install drywall on fire retardent plywood.	S.F.	480.0000	\$8.60	\$4,128.00	RSM20MCOM M, L, O&P
3	09-29-15-10-0300	Accessories, gypsum board, corner bead, galvanized steel, 1" x 1" Furnish and install corner bead.	C.L.F.	0.6000	\$178.00	\$106.80	RSM20MCOM M, L, O&P
09 - Finishes Total						\$4,879.80	
Alternate							
4	09-91-23-72-1670	Painting walls, complete, on drywall or plaster, primer and 2 finish coats, with roller, including surface preparation Material only. Primer and paint for new drywall walls.	S.F.	480.0000	\$0.24	\$115.20	CUSTOM M, O&P
Alternate Total						\$115.20	
Trades							
5	CARP	Carpenters - 2020 RSMeans Facilities O&P Rate Labor to patch back ceiling grid. Owner to provide grid and tiles. Labor to remove existing carept.	Hour	16.0000	\$85.15	\$1,362.40	Trades L, O&P
6	PORD	Painters, Ordinary - 2020 RSMeans Facilities O&P Rate Labor to prepare, prime and paint new drywall walls.	Hour	16.0000	\$70.50	\$1,128.00	Trades L, O&P
Trades Total						\$2,490.40	
Estimate Grand Total						8,465.09	

Estimator: Mark Holmes

Electrical

Division Summary (MF04)

01 - General Requirements	26 - Electrical	\$10,072.00
02 - Existing Conditions	27 - Communications	
03 - Concrete	28 - Electronic Safety and Security	
04 - Masonry	31 - Earthwork	
05 - Metals	32 - Exterior Improvements	
06 - Wood, Plastics, and Composites	33 - Utilities	
07 - Thermal and Moisture Protection	34 - Transportation	
08 - Openings	35 - Waterway and Marine Transportation	
09 - Finishes	41 - Material Processing and Handling Equipment	
10 - Specialties	44 - Pollution Control Equipment	
11 - Equipment	46 - Water and Wastewater Equipment	
12 - Furnishings	48 - Electric Power Generation	
13 - Special Construction	Alternate	\$7,809.76
14 - Conveying Equipment	Trades	
21 - Fire Suppression	Assemblies	
22 - Plumbing	FMR	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	MF04 Total (Without totalling components)	\$17,881.76
25 - Integrated Automation		

Totalling Components

Priced Line Items	\$17,881.76	2020 City of Aurora JOC F.H. Paschen Standard (-7.0000%)	\$(1,522.10)
RSMeans CHICAGO, IL CCI 2021Q1, 121.60%	\$3,862.46		

Material, Labor, and Equipment Totals (No Totalling Components)

Material:	\$2,262.24
Labor:	\$15,619.52
Equipment:	\$0.00
Other:	\$0.00
Laborhours:	172.20
Green Line Items:0	\$0.00

Estimate Grand Total \$20,222.12

Final Estimate

Estimator: Mark Holmes

Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
26 - Electrical						
1 26-05-19-90-0100	Wire, copper, stranded, 600 volt, #12, type THW, normal installation conditions in C.L.F. wireway, conduit, cable tray Furnish and install wiring for receptacles necessary for new video wall. Furnish and install wiring to other TV monitor and screen receptacle locations. Furnish and install wiring to provide power to new workstations. Furnish and install wiring to add light switching for lights above video wall.		48.0000	\$81.50	\$3,912.00	RSM20MCOM M, L, O&P
2 26-05-33-14-0220	Electric metallic tubing, 3/4" diameter, to 10' high, includes 11 couplings per 100' L.F. Furnish and install conduit for wiring for receptacles necessary for new video wall. Furnish and install conduit for wiring to other TV monitor and screen receptacle locations. Furnish and install conduit for wiring to provide power to new workstations. Furnish and install conduit for wiring to add light switching for lights above video wall.		1,600.0000	\$3.85	\$6,160.00	RSM20MCOM M, L, O&P
26 - Electrical Total					\$10,072.00	
Alternate						
3 26-05-19-90-0100	Demo - Wire, copper, stranded, 600 volt, #12, type THW, normal installation conditions in wireway, conduit, cable tray Remove existing wiring at wall that was removed and wiring at workstations.	C.L.F.	48.0000	\$66.37	\$3,185.76	CUSTOM L, O&P
4 26-05-33-14-0220	Demo - Electric metallic tubing, 3/4" diameter, to 10' high, includes 11 couplings per 100' Remove existing conduit at wall that was removed and conduit at workstations.	L.F.	1,600.0000	\$2.89	\$4,624.00	CUSTOM L, O&P
Alternate Total					\$7,809.76	
Estimate Grand Total					20,222.12	

Estimator: Mark Holmes

Flooring

Division Summary (MF04)

01 - General Requirements	
02 - Existing Conditions	
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	
09 - Finishes	\$40,464.00
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	

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	
Trades	
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$40,464.00

Totalling Components

Priced Line Items	\$40,464.00
RSMeans CHICAGO, IL CCI 2021Q1, 121.60%	\$8,740.22

2020 City of Aurora JOC F.H. Paschen Standard (-7.0000%)	\$(3,444.30)
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Material, Labor, and Equipment Totals (No Totalling Components)

Material:	\$33,968.00
Labor:	\$6,496.00
Equipment:	\$0.00
Other:	\$0.00
Laborhours:	80.70
Green Line Items:0	\$0.00

Estimate Grand Total **\$45,759.92**

Final Estimate

Estimator: Mark Holmes

Flooring

Item	Description	UM	Quantity	Unit Cost	Total	Book
09 - Finishes						
1 09-69-13-10-0135	Access floors, package price steel panels,24" ht., including floor panel, pedestal, S.F. & stringers, 1500 lbs. load, no finish Furnish and install raised access floor system.		1,400.0000	\$26.00	\$36,400.00	RSM20MCOM M, L, O&P
2 09-69-13-10-1000	Access floors, floor panels, for machine cutouts after initial installation Line item used for cutouts for grommets.	Ea.	8.0000	\$35.50	\$284.00	RSM20MCOM M, L, O&P
3 09-69-13-10-1200	Access floors, approach ramps, steel Furnish and install panel ramp assembly at east entrance.	S.F.	72.0000	\$52.50	\$3,780.00	RSM20MCOM M, L, O&P
09 - Finishes Total						\$40,464.00
Estimate Grand Total						45,759.92

Estimator: Mark Holmes

General Conditions

Division Summary (MF04)

01 - General Requirements	\$10,528.80
02 - Existing Conditions	\$1,150.00
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	
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	\$12,558.80
RSMeans CHICAGO, IL CCI 2021Q1, 121.60%	\$2,712.70

Material, Labor, and Equipment Totals (No Totalling Components)

Material:	\$7,920.00
Labor:	\$3,292.30
Equipment:	\$466.50
Other:	\$880.00
Laborhours:	22.02
Green Line Items:0	\$0.00

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	\$880.00
Trades	
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$12,558.80

2020 City of Aurora JOC F.H. Paschen Standard (-7.0000%)	\$(1,069.01)
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Estimate Grand Total

\$14,202.49

Final Estimate

Estimator: Mark Holmes

General Conditions

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-21-53-50-0850-M Cost adjustment factors, dust protection, add to construction costs for particular job requirements, maximum Dust protection during construction.	Costs	88,000.0000	4.0000%	\$3,520.00	RSM20MCOM M, O&P
2	01-21-53-50-1750-M Cost adjustment factors, protection of existing work, add to construction costs for particular job requirements, maximum Protection of existing surfaces during construction.	Costs	88,000.0000	5.0000%	\$4,400.00	RSM20MCOM M, O&P
3	01-21-53-60-0160-L Cost adjustment factors, additional costs due to security requirements, daily search of personnel, supplies, equipment and vehicles, daily, electronic scan search, entry Line item used for security clearance at police department.	Costs	88,000.0000	2.0000%	\$1,760.00	RSM20MCOM L, O&P
4	01-54-36-50-1300 Mobilization or demobilization, delivery charge for equipment, hauled on 3-ton capacity towed trailer Mobilize and demobilize equipment and tools.	Ea.	2.0000	\$340.00	\$680.00	RSM20MCOM L, E, O&P
5	01-66-19-10-0030 Material handling, above 2nd story, per C.Y. of material, via elevator Material handling.	C.Y.	40.0000	\$4.22	\$168.80	RSM20MCOM L, O&P
01 - General Requirements Total					\$10,528.80	
02 - Existing Conditions						
6	02-41-19-19-3040 Selective demolition, rubbish handling, 50' haul, loading & trucking, hand loading truck, cost to be added to demolition cost Hauling of construction debris.	C.Y.	20.0000	\$57.50	\$1,150.00	RSM20MCOM L, E, O&P
02 - Existing Conditions Total					\$1,150.00	
Alternate						
7	01-31-13-90-0100 Performance Bond, for buildings, maximum Reimbursable fee for project performance and payment bond. If no bond is required, this cost will be credited back to Owner.	Job	88,000.0000	1.0000%	\$880.00	CUSTOM O&P
Alternate Total					\$880.00	
Estimate Grand Total					14,202.49	