



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 PD Headquarters New Office Buildout - 4623-059

Estimator: Mark Holmes

Aurora PD Headquarters New Office Buildout

Division Summary (MF04)

01 - General Requirements	\$8,407.00
02 - Existing Conditions	
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	
09 - Finishes	\$8,810.35
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	\$49,220.39
RSMeans CHICAGO, IL CCI 2021Q2, 122.90%	\$11,271.47

26 - Electrical	\$29,784.24
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	\$1,870.40
Trades	\$348.40
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$49,220.39

2020 City of Aurora JOC F.H. Paschen Standard (-7.0000%)	\$(4,234.43)
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Grand Total **\$56,257.43**

Final Estimate

Estimator: David P. Roy

Aurora PD Headquarters New Office Buildout

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-21-53-50-1750-M Cost adjustment factors, protection of existing work, add to construction costs for particular job requirements, maximum Ensure all surfaces not being worked on are protected during construction.	Costs	57,000.0000	5.0000%	\$2,850.00	RSM21FAC M, O&P
2	01-31-13-20-0280 Field personnel, superintendent, maximum Superintendent supervision for 1 week during construction.	Week	1.0000	\$4,225.00	\$4,225.00	RSM21FAC L, O&P
3	01-54-36-50-1200 Mobilization or demobilization, delivery charge for small equipment, placed in rear of, or towed by pickup truck Mobilization and demobilization of each trade.	Ea.	6.0000	\$222.00	\$1,332.00	RSM21FAC L, E, O&P
01 - General Requirements Total					\$8,407.00	
09 - Finishes						
4	09-21-16-33-1000 Partition wall, interior, standard, taped both sides, installed on & incl.25 ga, NLB metal studs, 3-5/8" wide, 16" OC, 8' to 12' high, 1/2" gypsum drywall Furnish and install wall partition as required to create two new rooms in existing office space.	S.F.	1,280.0000	\$5.35	\$6,848.00	RSM21FAC M, L, O&P
5	09-21-16-33-1000-9600 Partition wall, for work over 8' high, add (Modified using 09-21-16-33-9600) Furnish and install wall partition as required to create two new rooms in existing office space.	S.F.	145.0000	\$0.91	\$131.95	RSM21FAC L, O&P
6	09-91-23-72-0240 Paints & coatings, walls & ceilings, interior, concrete, drywall or plaster, latex paint, primer or sealer coat, smooth finish, roller Furnish and install one primer coat.	S.F.	1,280.0000	\$0.51	\$652.80	RSM21FAC M, L, O&P
7	09-91-23-72-0840 Paints & coatings, walls & ceilings, interior, concrete, drywall or plaster, latex paint, 2 coats, smooth finish, roller Furnish and install 2 coats of paint.	S.F.	1,280.0000	\$0.92	\$1,177.60	RSM21FAC M, L, O&P
09 - Finishes Total					\$8,810.35	
26 - Electrical						
8	26-05-19-90-1200 Wire, copper, stranded, 600 volt, #12, type THWN-THHN, normal installation conditions in wireway, conduit, cable tray Furnish and install all #12 wiring required to make all connections requested by owner.	C.L.F.	60.0000	\$91.00	\$5,460.00	RSM21FAC M, L, O&P
9	26-05-19-90-1200-4020 Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Furnish and install all #12 wiring required to make all connections requested by owner.	C.L.F.	60.0000	\$11.63	\$697.80	RSM21FAC L, O&P
10	26-05-19-90-1200-6210 Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install all #12 wiring required to make all connections requested by owner.	C.L.F.	60.0000	\$4.65	\$279.00	RSM21FAC L, O&P
11	26-05-19-90-1250 Wire, copper, stranded, 600 volt, #10, type THWN-THHN, normal installation conditions in wireway, conduit, cable tray Furnish and install wiring needed to complete electrical install.	C.L.F.	80.0000	\$106.00	\$8,480.00	RSM21FAC M, L, O&P

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Aurora PD Headquarters New Office Buildout

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
12 26-05-19-90-1250-1010	Labor adjustment factor (electrical), add to labor for elevated installation (above floor level), 10' to 14.5' high (Modified using 26-01-02-20-1010) Furnish and install wiring needed to complete electrical install.	C.L.F.	80.0000	\$5.10	\$408.00	RSM21FAC L, O&P
13 26-05-19-90-1250-4020	Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Furnish and install wiring needed to complete electrical install.	C.L.F.	80.0000	\$12.75	\$1,020.00	RSM21FAC L, O&P
14 26-05-19-90-1250-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install wiring needed to complete electrical install.	C.L.F.	80.0000	\$5.10	\$408.00	RSM21FAC L, O&P
15 26-05-33-13-5000	Electric metallic tubing (EMT), 1/2" diameter, to 10' high, incl 2 terminations, 2 field bend elbows, 11 beam clamps, and 11 couplings per 100 LF Furnish and install all 1/2" conduit required.	L.F.	300.0000	\$5.40	\$1,620.00	RSM21FAC M, L, O&P
16 26-05-33-13-5000-1010	Labor adjustment factor (electrical), add to labor for elevated installation (above floor level), 10' to 14.5' high (Modified using 26-01-02-20-1010) Furnish and install all 1/2" conduit required.	L.F.	300.0000	\$0.30	\$90.00	RSM21FAC L, O&P
17 26-05-33-13-5000-4020	Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Furnish and install all 1/2" conduit required.	L.F.	300.0000	\$0.75	\$225.00	RSM21FAC L, O&P
18 26-05-33-13-5000-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install all 1/2" conduit required.	L.F.	300.0000	\$0.30	\$90.00	RSM21FAC L, O&P
19 26-05-33-13-5020	Electric metallic tubing (EMT), 3/4" diameter, to 10' high, incl 2 terminations, 2 field bend elbows, 11 beam clamps, and 11 couplings per 100 LF Furnish and install all 3/4" conduit required.	L.F.	150.0000	\$7.10	\$1,065.00	RSM21FAC M, L, O&P
20 26-05-33-13-5020-1010	Labor adjustment factor (electrical), add to labor for elevated installation (above floor level), 10' to 14.5' high (Modified using 26-01-02-20-1010) Furnish and install all 3/4" conduit required.	L.F.	150.0000	\$0.39	\$58.50	RSM21FAC L, O&P
21 26-05-33-13-5020-4020	Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Furnish and install all 3/4" conduit required.	L.F.	150.0000	\$0.98	\$147.00	RSM21FAC L, O&P
22 26-05-33-13-5020-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install all 3/4" conduit required.	L.F.	150.0000	\$0.39	\$58.50	RSM21FAC L, O&P
23 26-05-33-13-5040	Electric metallic tubing (EMT), 1" diameter, to 10' high, incl 2 terminations, 2 elbows, 11 beam clamps, and 11 couplings per 100 LF Furnish and install conduit back to main electrical room.	L.F.	550.0000	\$8.65	\$4,757.50	RSM21FAC M, L, O&P
24 26-05-33-13-5040-1010	Labor adjustment factor (electrical), add to labor for elevated installation (above floor level), 10' to 14.5' high (Modified using 26-01-02-20-1010) Furnish and install conduit back to main electrical room.	L.F.	550.0000	\$0.44	\$242.00	RSM21FAC L, O&P
25 26-05-33-13-5040-4020	Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020)	L.F.	550.0000	\$1.11	\$610.50	RSM21FAC L, O&P

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26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
Furnish and install conduit back to main electrical room.						
26 26-05-33-13-5040-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install conduit back to main electrical room.	L.F.	550.0000	\$0.44	\$242.00	RSM21FAC L, O&P
27 26-27-26-20-3700	Receptacle, 3 pole, 20 amp, 250 volt, NEMA 15 Furnish and install 8 20AMP receptacles as required.	Ea.	8.0000	\$66.50	\$532.00	RSM21FAC M, L, O&P
28 26-27-26-20-3700-4030	Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, school (Modified using 26-01-02-20-4030) Furnish and install 8 20AMP receptacles as required.	Ea.	8.0000	\$4.10	\$32.80	RSM21FAC L, O&P
29 26-27-26-20-3700-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install 8 20AMP receptacles as required.	Ea.	8.0000	\$2.05	\$16.40	RSM21FAC L, O&P
30 26-27-26-20-4970	Receptacle cover plate, anodized aluminum, NEMA 7-23 Furnish and install all cover plates for receptacles.	Ea.	8.0000	\$16.30	\$130.40	RSM21FAC M, L, O&P
31 26-27-26-20-4970-4020	Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Furnish and install all cover plates for receptacles.	Ea.	8.0000	\$1.59	\$12.72	RSM21FAC L, O&P
32 26-27-26-20-4970-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install all cover plates for receptacles.	Ea.	8.0000	\$0.64	\$5.12	RSM21FAC L, O&P
33 26-51-13-55-0910	Interior LED fixts, troffer, recess mounted, 2' x 2', 4,000K Furnish and install all light fixtures. 6 in each room.	Ea.	12.0000	\$237.00	\$2,844.00	RSM21FAC M, L, O&P
34 26-51-13-55-0910-4020	Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Furnish and install all light fixtures. 6 in each room.	Ea.	12.0000	\$15.00	\$180.00	RSM21FAC L, O&P
35 26-51-13-55-0910-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install all light fixtures. 6 in each room.	Ea.	12.0000	\$6.00	\$72.00	RSM21FAC L, O&P
26 - Electrical Total					\$29,784.24	

Alternate

36 26-51-13-55-3000	Demo - Interior LED fixtures, linear, suspended mounted, 37 watt, one light bar 4' long, incl lamps, mounting hardware and connections Remove and salvage existing 8 light fixtures that are in the path of new wall to be built.	Ea.	8.0000	\$116.90	\$935.20	CUSTOM Grn, L, O&P
37 26-51-13-55-3000	Interior LED fixtures, linear, suspended mounted, 37 watt, one light bar 4' long, incl lamps, mounting hardware and connections Re-install pendant lighting fixtures so that they do not interfere with new walls.	Ea.	8.0000	\$116.90	\$935.20	CUSTOM Grn, L, O&P

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Alternate							
Item	Description	UM	Quantity	Unit Cost	Total	Book	
Alternate Total							\$1,870.40
Trades							
38	CARP	Carpenters - 2021 RSMeans Facilities O&P Rate Carpenter to install doors frames and hardware.	Hour	4.0000	\$87.10	\$348.40	Trades L, O&P
Trades Total							\$348.40
Estimate Grand Total							56,257.43