



April 26, 2022

City of Aurora
44 E. Downer Pl
Aurora, IL 60507
Attn: Jim Birchall

RE: Aurora PD Headquarters 3rd Floor Buildout

Dear Mr. Birchall

F.H. Paschen has visited the project site with the City of Aurora and agreed to the following scope of work. We are pleased to present the following scope of work for your review.

Scope of Work

- Remove and dispose of existing lighting fixtures as required.
- Remove and dispose of existing wall assembly for access to new office.
- Remove and dispose of the existing viewing room walls as required.
- Remove and salvage the viewing rooms' doors, frame, hardware, and window.
- Relocate all existing furnishings as required.
- Remove and dispose of all wall pads as required.
- Remove and dispose of the existing flooring as required.
- Furnish and install insulation on all HVAC ductwork as required.
- Furnish and install sprinkler piping to reach new ceiling elevation.
- Furnish and install new sprinkler heads and escutcheon plates as required.
- Furnish and install 24 new LED light fixtures as required.
- Furnish and install all new conduit, wiring, and fixture whips as necessary to complete electrical package.
- Furnish and install new wall assembly as required.
- Furnish and install new suspended ceiling grid and tile as required throughout entire space.
- Furnish and install supply/return diffusers as required.
- Furnish and install new glass door in new supervisors' office as required.
- Furnish and install LVT flooring in new supervisor's office.
- Furnish and install carpet tile in main area.
- Furnish and install new wall pads as required.
- Furnish and install resilient base throughout.
- Provide one prime coat on all walls as required.
- Provide two paint coats on all walls as required.
- Reinstall all furnishings as required.
- Provide a final cleaning after the completion of the project.



Clarifications

- The existing fire alarm scope of work is unknown. This proposal includes a \$20,000.00 fire alarm allowance to mitigate the potential impact of FA costs. The City of Aurora is to cover all costs in excess of the \$20,000.00 allowance.
- This proposal includes a \$15,000.00 allowance for the procurement of a permit and all architectural drawings required. The City of Aurora is to cover all costs in excess of the \$15,000.00 allowance.
- This proposal *excludes* any exterior work.
- This proposal *excludes* any plumbing work.
- This proposal *excludes* any low voltage/data wiring.
- This proposal *excludes* any specific materials. Should the City of Aurora require any specific brands, cost impacts may apply.
- This proposal *excludes* any permits/permit fees.
- This proposal *excludes* any unforeseen conditions that may arise.
- This proposal *excludes* any removal of hazardous materials.
- **This proposal excludes any overtime or premium time and is based on normal working hours.**
- This proposal is based on only the above scope of work.

Please review this information at your earliest possible convenience and advise us as to how you wish to proceed. All required documents will be submitted at your request. If you have any questions or concerns, please do not hesitate to call.

City of Aurora

Date

Mark Holmes

4/26/2022

F.H. Paschen, S.N. Nielsen & Associates, LLC

Date:



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 3rd Floor Buildout - 4623-083

Estimator: Mark Holmes

Aurora PD Headquarters 3rd Floor Buildout

Division Summary (MF04)

01 - General Requirements	\$109,178.48
02 - Existing Conditions	\$18,999.00
03 - Concrete	\$5,347.50
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	\$3,625.00
09 - Finishes	\$116,800.50
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	\$10,788.09
22 - Plumbing	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$39,704.00
25 - Integrated Automation	

Totalling Components

Priced Line Items	\$400,570.79
RSMeans CHICAGO, IL CCI 2021Q2, 122.90%	\$91,730.71

26 - Electrical	\$32,954.75
27 - Communications	\$66.52
28 - Electronic Safety and Security	\$2,604.05
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	\$59,056.90
Trades	\$1,446.00
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$400,570.79

2020 City of Aurora JOC F.H. Paschen Standard (-7.0000%)	\$(34,461.11)
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Grand Total **\$457,840.39**

Final Estimate

Estimator: David P. Roy

Aurora PD Headquarters 3rd Floor Buildout

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 Line item includes all costs associated with protecting all adjacent areas from dust during the construction. Line item includes all vacuuming of the carpet before removal, all protection of the hallway during the removal of the existing walls, and all temporary protection measures taken to prevent dust travel.	Costs	450,000.0000	4.0000%	\$18,000.00	RSM21FAC
2	01-31-13-20-0280 Field personnel, superintendent, maximum Provide superintendent supervision for the duration of the project. FHP to credit time to only two weeks.	Week	4.0000	\$4,225.00	\$16,900.00	RSM22FAC
3	01-31-13-30-0050 Insurance, standard builders risk, maximum	Job	450,000.0000	0.8000%	\$3,600.00	RSM22FAC
4	01-54-33-40-0030-3 Rent per week for rent aerial lift, scissor type, to 30' high, 1200 lb. capacity, electric One lift per each crew for two weeks each. Four crew's need a lift.	Ea.	8.0000	\$759.56	\$6,076.48	RSM22FAC
5	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 all crews on site.	Ea.	14.0000	\$228.00	\$3,192.00	RSM22FAC
6	01-54-36-50-1300 Mobilization or demobilization, delivery charge for equipment, hauled on 3-ton capacity towed trailer Mobilization and demobilization of each crew's lift as required.	Ea.	8.0000	\$370.00	\$2,960.00	RSM22FAC
7	01-74-13-20-0040 Cleaning up, clean up after job completion, allow, max Line item includes a final cleaning after the completion of the job.	Job	450,000.0000	1.0000%	\$4,500.00	RSM22FAC
8	01-93-09-50-8420 Moving equipment, modular work station, 2 desktops, 4 pedestal files Line item includes the cost to move all existing modular work stations as required.	Ea.	13.0000	\$2,550.00	\$33,150.00	RSM22FAC
9	01-93-09-50-8430 Moving equipment, modular workstation, relocate, 2 desktops, 4 pedestal files Line item includes the cost to move all existing furniture to an off-site location and bring back after the completion of the project.	Ea.	13.0000	\$1,600.00	\$20,800.00	RSM22FAC
01 - General Requirements Total					\$109,178.48	
02 - Existing Conditions						
10	02-41-19-19-0725 Selective demolition, rubbish handling, dumpster, 20 C.Y., 5 ton capacity, weekly rental, includes one dump per week, cost to be added to demolition cost Provide dumpster for the duration of the project.	Week	6.0000	\$625.00	\$3,750.00	RSM22FAC
11	02-41-19-19-2045 Selective demolition, rubbish handling, 0'-100' haul, load, haul, dump and return, wheeled, cost to be added to demolition cost Line item includes removing all materials from the site to the dumpster at the exterior of the building.	C.Y.	120.0000	\$46.50	\$5,580.00	RSM22FAC
12	02-41-19-19-2045-2085 Selective demolition, rubbish handling, haul and return, add per each extra 100' haul, wheeled, cost to be added to demolition cost (Modified using 02-41-19-19-2085) Line item includes removing all materials from the site to the dumpster at the exterior of the building. Dumpster is going to be approximately 500 LF from project location. 80*5 = 400.00	C.Y.	400.0000	\$21.50	\$8,600.00	RSM22FAC

Final Estimate

Estimator: David P. Roy

Aurora PD Headquarters 3rd Floor Buildout

02 - Existing Conditions

Item	Description	UM	Quantity	Unit Cost	Total	Book
13 02-41-19-19-2045-2120	Selective demolition, rubbish handling, for travel in elevators, up to 10 floors, add, cost to be added to demolition cost (Modified using 02-41-19-19-2120) Line item includes removing all materials from the site to the dumpster at the exterior of the building.	C.Y.	80.0000	\$8.30	\$664.00	RSM22FAC
14 02-41-19-20-0100	Selective demolition, dump charges, typical urban city, building construction materials, includes tipping fees only Line item includes the disposal charges as required.	Ton	5.0000	\$81.00	\$405.00	RSM22FAC
02 - Existing Conditions Total					\$18,999.00	

03 - Concrete

15 03-35-43-10-0210	Polished concrete floors, processing of interior floors, grinding and edging with diamond/metal matrix, 40-grit, includes wet grinding, wet vac pick-up, auto scrubbing between grit changes Line item includes the removal of all mastic and prepping the floor to receive new skim coating.	M.S.F.	2.7000	\$1,875.00	\$5,062.50	RSM22FAC
16 03-82-16-10-0200	Concrete impact drilling, for anchors, up to 4" D, 3/8" dia, in concrete or brick walls and floors, includes bit cost, layout and set up time, excl anchor Furnish and install new strut system as required.	Ea.	25.0000	\$11.40	\$285.00	RSM22FAC
03 - Concrete Total					\$5,347.50	

08 - Openings

17 08-41-26-20-0015	Doors, all glass, entrance, tempered glass, single, 3' x 7' x 1/2" thick, incl. hardware and stainless steel trim Furnish and install new door to supervisor room.	Ea.	1.0000	\$3,625.00	\$3,625.00	RSM22FAC
08 - Openings Total					\$3,625.00	

09 - Finishes

18 09-21-16-33-3400	Partition wall, interior, standard, taped both sides, installed on & incl. 2" x 4" wood studs, 16" OC, 8' to 12' high, 5/8" gypsum drywall Furnish and install new walls in new supervisor room.	S.F.	1,600.0000	\$6.25	\$10,000.00	RSM22FAC
19 09-21-16-33-3400-9600	Partition wall, for work over 8' high, add (Modified using 09-21-16-33-9600) Furnish and install new walls in new supervisor room.	S.F.	1,600.0000	\$0.94	\$1,504.00	RSM22FAC
20 09-22-36-83-1620	Corner bead, expanded bullnose, galvanized, 3/4" radius, #10 Provide corner bead at all corners.	C.L.F.	1.4400	\$315.00	\$453.60	RSM22FAC
21 09-51-23-10-5020	Suspended acoustic ceiling tiles, mineral fiber, 66-78% recycled content, 3/4" thick Furnish and install new ceiling tile throughout.	S.F.	2,700.0000	\$8.80	\$23,760.00	RSM22FAC
22 09-53-23-30-0300	Acoustic ceiling grid, 2' x 2' Furnish and install new ceiling grid throughout.	S.F.	2,700.0000	\$3.23	\$8,721.00	RSM22FAC

Final Estimate

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Aurora PD Headquarters 3rd Floor Buildout

09 - Finishes

Item	Description	UM	Quantity	Unit Cost	Total	Book
23 09-53-23-30-1040	Hanging wire, 4' long, 12 gauge Furnish and install all hang wire. 12' drop. Line item used to accommodate for extra wire needed.	C.S.F.	270.0000	\$12.25	\$3,307.50	RSM22FAC
24 09-53-23-30-1080	Hanging wire, 8' long, 12 gauge Furnish and install new suspension wire throughout.	C.S.F.	270.0000	\$13.45	\$3,631.50	RSM22FAC
25 09-65-10-10-3600	Latex underlayment, cementitious for resilient flooring, 1/8" thick Line item includes a full skim coat of all surfaces to receive new flooring.	S.F.	2,700.0000	\$4.81	\$12,987.00	RSM22FAC
26 09-65-13-13-1100	Wall base, rubber, straight or cove, standard colors, 4" high, 1/8" thick Furnish and install new base as required.	L.F.	350.0000	\$4.00	\$1,400.00	RSM22FAC
27 09-65-13-37-0200	Vinyl transition strip, various material to various materials, 1/4" to 1/8" x 2-1/2" Furnish and install new transition strip between dissimilar flooring.	L.F.	7.0000	\$8.70	\$60.90	RSM22FAC
28 09-65-19-23-7500	Flooring, vinyl tile, 12" x 12, 3/32" thick, standard colors/patterns Furnish and install new flooring as required.	S.F.	300.0000	\$2.83	\$849.00	RSM22FAC
29 09-68-13-10-5060	Carpet tile, tufted nylon, 42 oz., 18" x 18" or 24" x 24" Furnish and install all carpet as required. 2700/9 = 300.00	S.Y.	300.0000	\$56.50	\$16,950.00	RSM22FAC
30 09-84-13-10-1000	Sound absorbing panels, mineral fiberboard, fabric covered, concealed spline, wall mounted, 30" x 108" x 3/4" thick Furnish and install all wall pads as required. 240*6 = 1,440.00	S.F.	1,440.0000	\$11.55	\$16,632.00	RSM22FAC
31 09-91-23-35-0130	Paints & coatings, interior latex, doors, flush, both sides, roll & brush, primer + 1 coat, incl. frame & trim Prime and paint 8 HM door frames as required.	Ea.	8.0000	\$94.00	\$752.00	RSM22FAC
32 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 prime coat to all new walls.	S.F.	9,400.0000	\$0.52	\$4,888.00	RSM22FAC
33 09-91-23-72-0840	Paints & coatings, walls & ceilings, interior, concrete, drywall or plaster, latex paint, 2 coats, smooth finish, roller Furnish and install paint coats to new walls.	S.F.	9,400.0000	\$1.16	\$10,904.00	RSM22FAC
09 - Finishes Total					\$116,800.50	

21 - Fire Suppression

34 21-11-13-16-0120	Pipe, plastic, CPVC fire suppression, C-UL-S, FM, NFPA 13, 13R & 13D, SDR 13.5, 3/4" diameter, socket joint, no couplings or hangers Furnish and install all new piping as required for sprinkler system.	L.F.	350.0000	\$4.94	\$1,729.00	RSM22FAC
35 21-11-13-16-0120-1120	Labor adjustment factor (mechanical), general, 20' to 24.5' high, add to labor for elevated installation (above floor level), for Division 21, 22 and 23 only (Modified using 22-01-02-20-1120) Furnish and install all new piping as required for sprinkler system.	L.F.	350.0000	\$0.59	\$206.50	RSM22FAC

Final Estimate

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Aurora PD Headquarters 3rd Floor Buildout

21 - Fire Suppression

Item	Description	UM	Quantity	Unit Cost	Total	Book
36	21-11-13-16-0120-3100 Labor adjustment factor (mechanical), new construction, (no elevator available), for floors 3 thru 10, add to labor for multi-story building, for Division 21, 22 and 23 only (Modified using 22-01-02-20-3100) Furnish and install all new piping as required for sprinkler system.	L.F.	350.0000	\$0.12	\$42.00	RSM22FAC
37	21-11-13-16-0120-4140 Labor adjustment factor (mechanical), general, add to labor for working in existing occupied office building, for Division 21, 22 and 23 only (Modified using 22-01-02-20-4140) Furnish and install all new piping as required for sprinkler system.	L.F.	350.0000	\$0.59	\$206.50	RSM22FAC
38	21-11-13-18-0510 Coupling, plastic pipe fitting, CPVC fire suppression, C-UL-S, FM, NFPA 13, 13R & 13D, 3/4", socket joint Furnish and install all couplings as required.	Ea.	27.0000	\$35.00	\$945.00	RSM22FAC
39	21-11-13-18-0510-1120 Labor adjustment factor (mechanical), general, 20' to 24.5' high, add to labor for elevated installation (above floor level), for Division 21, 22 and 23 only (Modified using 22-01-02-20-1120) Furnish and install all couplings as required.	Ea.	27.0000	\$5.38	\$145.26	RSM22FAC
40	21-11-13-18-0510-4140 Labor adjustment factor (mechanical), general, add to labor for working in existing occupied office building, for Division 21, 22 and 23 only (Modified using 22-01-02-20-4140) Furnish and install all couplings as required.	Ea.	27.0000	\$5.38	\$145.26	RSM22FAC
41	21-13-13-50-1960 Sprinkler system components, connector for sprinkler heads, 60" length, 1/2" and 3/4" outlet size Furnish and install new flexible sprinkler head connections as required.	Ea.	27.0000	\$125.00	\$3,375.00	RSM22FAC
42	21-13-13-50-1960-1100 Labor adjustment factor (mechanical), general, 15' to 19.5' high, add to labor for elevated installation (above floor level), for Division 21, 22 and 23 only (Modified using 22-01-02-20-1100) Furnish and install new flexible sprinkler head connections as required.	Ea.	27.0000	\$5.00	\$135.00	RSM22FAC
43	21-13-13-50-1960-4140 Labor adjustment factor (mechanical), general, add to labor for working in existing occupied office building, for Division 21, 22 and 23 only (Modified using 22-01-02-20-4140) Furnish and install new flexible sprinkler head connections as required.	Ea.	27.0000	\$6.25	\$168.75	RSM22FAC
44	21-13-13-50-2360 Sprinkler system components, sprinkler head escutcheons, standard, chrome, 1" size Furnish and install all escutcheon plates for all sprinkler heads as required.	Ea.	27.0000	\$26.00	\$702.00	RSM22FAC
45	21-13-13-50-2360-1080 Labor adjustment factor (mechanical), general, 10' to 14.5' high, add to labor for elevated installation (above floor level), for Division 21, 22 and 23 only (Modified using 22-01-02-20-1080) Furnish and install all escutcheon plates for all sprinkler heads as required.	Ea.	27.0000	\$1.37	\$36.99	RSM22FAC
46	21-13-13-50-2360-4140 Labor adjustment factor (mechanical), general, add to labor for working in existing occupied office building, for Division 21, 22 and 23 only (Modified using 22-01-02-20-4140) Furnish and install all escutcheon plates for all sprinkler heads as required.	Ea.	27.0000	\$3.43	\$92.61	RSM22FAC

Final Estimate

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Aurora PD Headquarters 3rd Floor Buildout

21 - Fire Suppression

Item	Description	UM	Quantity	Unit Cost	Total	Book
47 21-13-13-50-3720	Sprinkler system components, sprinkler heads, standard spray, pendent or upright, brass, 135 to 286 degrees F, 1/2" NPT, K2.8, excludes supply piping Furnish and install all new sprinkler heads as required.	Ea.	27.0000	\$83.50	\$2,254.50	RSM22FAC
48 21-13-13-50-3720-1120	Labor adjustment factor (mechanical), general, 20' to 24.5' high, add to labor for elevated installation (above floor level), for Division 21, 22 and 23 only (Modified using 22-01-02-20-1120) Furnish and install all new sprinkler heads as required.	Ea.	27.0000	\$8.63	\$233.01	RSM22FAC
49 21-13-13-50-3720-3840	Sprinkler system components, sprinkler heads, 3/4" NPT, 17/32" orifice, excludes supply piping, for chrome, add (Modified using 21-13-13-50-3840) Furnish and install all new sprinkler heads as required.	Ea.	27.0000	\$5.10	\$137.70	RSM22FAC
50 21-13-13-50-3720-4140	Labor adjustment factor (mechanical), general, add to labor for working in existing occupied office building, for Division 21, 22 and 23 only (Modified using 22-01-02-20-4140) Furnish and install all new sprinkler heads as required.	Ea.	27.0000	\$8.63	\$233.01	RSM22FAC
21 - Fire Suppression Total					\$10,788.09	

23 - Heating, Ventilating, and Air-Conditioning (HVAC)

51 23-05-93-50-0160	Pipe testing, nondestructive hydraulic pressure test, isolate, 1 hour hold, 1" to 4" pipe, 250-500 LF Provide testing of the new sprinkler system piping as required.	Ea.	1.0000	\$1,075.00	\$1,075.00	RSM22FAC
52 23-07-13-10-3190	Duct thermal insulation, blanket type, fiberglass, flexible, FSK vapor barrier wrap, .75 lb. density, 3" thick Furnish and install all new insulation to all existing duct as required.	S.F.	3,500.0000	\$6.95	\$24,325.00	RSM22FAC
53 23-07-13-10-3190-1100	Labor adjustment factor (mechanical), general, 15' to 19.5' high, add to labor for elevated installation (above floor level), for Division 21, 22 and 23 only (Modified using 22-01-02-20-1100) Furnish and install all new insulation to all existing duct as required.	S.F.	3,500.0000	\$0.70	\$2,450.00	RSM22FAC
54 23-07-13-10-3190-4140	Labor adjustment factor (mechanical), general, add to labor for working in existing occupied office building, for Division 21, 22 and 23 only (Modified using 22-01-02-20-4140) Furnish and install all new insulation to all existing duct as required.	S.F.	3,500.0000	\$0.87	\$3,045.00	RSM22FAC
55 23-33-46-10-2040	Ductwork, flexible coated fiberglass fabric on corrosion resistant metal helix, insulated, P.E. jacket, 1" thick, 12" diameter, pressure to 12"(WG) UL-181 Furnish and install new ducting to new elevation of ceiling.	L.F.	300.0000	\$22.00	\$6,600.00	RSM22FAC
56 23-33-46-10-2040-1284	Flexible ducts, 15' to 20' high, add to labor for elevated installation of prefabricated (purchased) ductwork (Modified using 23-33-46-10-1284) Furnish and install new ducting to new elevation of ceiling.	L.F.	300.0000	\$1.95	\$585.00	RSM22FAC
57 23-33-46-10-2040-4140	Labor adjustment factor (mechanical), general, add to labor for working in existing occupied office building, for Division 21, 22 and 23 only (Modified using 22-01-02-20-4140) Furnish and install new ducting to new elevation of ceiling.	L.F.	300.0000	\$2.44	\$732.00	RSM22FAC

Final Estimate

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Aurora PD Headquarters 3rd Floor Buildout

23 - Heating, Ventilating, and Air-Conditioning (HVAC)

Item	Description	UM	Quantity	Unit Cost	Total	Book
58 23-37-13-10-0620	Diffuser, aluminum, ceiling, perforated, 24" x 24" lay-in panel size, 24" x 24", includes opposed blade damper Furnish and install new diffusers in entire space to accomodate for new ceiling elevation.	Ea.	2.0000	\$425.00	\$850.00	RSM22FAC
59 23-37-13-10-0620-1080	Labor adjustment factor (mechanical), general, 10' to 14.5' high, add to labor for elevated installation (above floor level), for Division 21, 22 and 23 only (Modified using 22-01-02-20-1080) Furnish and install new diffusers in entire space to accomodate for new ceiling elevation.	Ea.	2.0000	\$6.00	\$12.00	RSM22FAC
60 23-37-13-10-0620-4140	Labor adjustment factor (mechanical), general, add to labor for working in existing occupied office building, for Division 21, 22 and 23 only (Modified using 22-01-02-20-4140) Furnish and install new diffusers in entire space to accomodate for new ceiling elevation.	Ea.	2.0000	\$15.00	\$30.00	RSM22FAC

23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total

\$39,704.00

26 - Electrical

61 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 new wiring as required throughout space.	C.L.F.	15.0000	\$113.00	\$1,695.00	RSM22FAC
62 26-05-19-90-1200-1010	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 new wiring as required throughout space.	C.L.F.	15.0000	\$4.80	\$72.00	RSM22FAC
63 26-05-19-90-1200-3210	Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Furnish and install new wiring as required throughout space.	C.L.F.	15.0000	\$0.96	\$14.40	RSM22FAC
64 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 new wiring as required throughout space.	C.L.F.	15.0000	\$12.00	\$180.00	RSM22FAC
65 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 new wiring as required throughout space.	C.L.F.	15.0000	\$4.80	\$72.00	RSM22FAC
66 26-05-29-20-2600	Threaded rod, steel, painted, 3/8" diameter Furnish and install all new threaded rod for new strut system.	L.F.	300.0000	\$10.15	\$3,045.00	RSM22FAC
67 26-05-29-20-3050	Nuts, galvanized steel, 3/8" diameter Furnish and install all strut systems as required.	C	35.0000	\$25.50	\$892.50	RSM22FAC
68 26-05-29-20-3550	Lock washers, galvanized steel, 3/8" diameter Furnish and install new strut system as required.	C	35.0000	\$20.00	\$700.00	RSM22FAC
69 26-05-29-20-3900	Channels, steel, 1-1/2" x 1-1/2", 12 Ga Furnish and install new strut system for all new conduit throughout entire space.	L.F.	15.0000	\$16.50	\$247.50	RSM22FAC

Final Estimate

Estimator: David P. Roy

Aurora PD Headquarters 3rd Floor Buildout

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
70 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 Conduit and fittings	L.F.	150.0000	\$9.30	\$1,395.00	RSM22FAC
71 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) Conduit and fittings	L.F.	150.0000	\$0.46	\$69.00	RSM22FAC
72 26-05-33-13-5040-3210	Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Conduit and fittings	L.F.	150.0000	\$0.09	\$13.50	RSM22FAC
73 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) Conduit and fittings	L.F.	150.0000	\$1.15	\$172.50	RSM22FAC
74 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) Conduit and fittings	L.F.	150.0000	\$0.46	\$69.00	RSM22FAC
75 26-05-33-13-5080	Electric metallic tubing (EMT), 1-1/2" diameter, to 10' high, incl 2 terminations, 2 elbows, 11 beam clamps, and 11 couplings per 100 LF Conduit and fittings	L.F.	500.0000	\$13.55	\$6,775.00	RSM22FAC
76 26-05-33-13-5080-1010	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) Conduit and fittings	L.F.	500.0000	\$0.59	\$295.00	RSM22FAC
77 26-05-33-13-5080-3210	Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Conduit and fittings	L.F.	500.0000	\$0.12	\$60.00	RSM22FAC
78 26-05-33-13-5080-4020	Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Conduit and fittings	L.F.	500.0000	\$1.48	\$740.00	RSM22FAC
79 26-05-33-13-5080-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Conduit and fittings	L.F.	500.0000	\$0.59	\$295.00	RSM22FAC
80 26-05-33-13-5200	Electric metallic tubing (EMT), field bends, 45 Deg. to 90 Deg., 1/2" diameter Conduit and fittings	Ea.	40.0000	\$9.15	\$366.00	RSM22FAC
81 26-05-33-13-5200-1010	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) Conduit and fittings	Ea.	40.0000	\$0.60	\$24.00	RSM22FAC
82 26-05-33-13-5200-3210	Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Conduit and fittings	Ea.	40.0000	\$0.12	\$4.80	RSM22FAC
83 26-05-33-13-5200-4020	Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Conduit and fittings	Ea.	40.0000	\$1.49	\$59.60	RSM22FAC

Final Estimate

Estimator: David P. Roy

Aurora PD Headquarters 3rd Floor Buildout

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
84	26-05-33-13-5200-6210 Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Conduit and fittings	Ea.	40.0000	\$0.60	\$24.00	RSM22FAC
85	26-05-33-13-5240 Electric metallic tubing (EMT), field bends, 45 Deg. to 90 Deg., 1" diameter Conduit and fittings	Ea.	25.0000	\$11.15	\$278.75	RSM22FAC
86	26-05-33-13-5240-1010 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) Conduit and fittings	Ea.	25.0000	\$0.73	\$18.25	RSM22FAC
87	26-05-33-13-5240-3210 Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Conduit and fittings	Ea.	25.0000	\$0.15	\$3.75	RSM22FAC
88	26-05-33-13-5240-4020 Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Conduit and fittings	Ea.	25.0000	\$1.81	\$45.25	RSM22FAC
89	26-05-33-13-5240-6210 Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Conduit and fittings	Ea.	25.0000	\$0.73	\$18.25	RSM22FAC
90	26-05-33-13-5280 Electric metallic tubing (EMT), field bends, 45 Deg. to 90 Deg., 1-1/2" diameter Conduit and fittings	Ea.	35.0000	\$22.50	\$787.50	RSM22FAC
91	26-05-33-13-5280-1010 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) Conduit and fittings	Ea.	35.0000	\$1.47	\$51.45	RSM22FAC
92	26-05-33-13-5280-3210 Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Conduit and fittings	Ea.	35.0000	\$0.29	\$10.15	RSM22FAC
93	26-05-33-13-5280-4020 Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Conduit and fittings	Ea.	35.0000	\$3.68	\$128.80	RSM22FAC
94	26-05-33-13-5280-6210 Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Conduit and fittings	Ea.	35.0000	\$1.47	\$51.45	RSM22FAC
95	26-05-33-13-5700 EMT elbows, 1" diameter, to 15' H Conduit and fittings	Ea.	25.0000	\$25.00	\$625.00	RSM22FAC
96	26-05-33-13-5700-1010 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) Conduit and fittings	Ea.	25.0000	\$1.33	\$33.25	RSM22FAC
97	26-05-33-13-5700-3210 Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Conduit and fittings	Ea.	25.0000	\$0.27	\$6.75	RSM22FAC

Final Estimate

Estimator: David P. Roy

Aurora PD Headquarters 3rd Floor Buildout

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
98	26-05-33-13-5700-4020 Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Conduit and fittings	Ea.	25.0000	\$3.31	\$82.75	RSM22FAC
99	26-05-33-13-5700-6210 Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Conduit and fittings	Ea.	25.0000	\$1.33	\$33.25	RSM22FAC
100	26-05-33-13-5740 EMT elbows, 1-1/2" diameter, to 15' H Conduit and fittings	Ea.	15.0000	\$40.50	\$607.50	RSM22FAC
101	26-05-33-13-5740-1010 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) Conduit and fittings	Ea.	15.0000	\$2.20	\$33.00	RSM22FAC
102	26-05-33-13-5740-3210 Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Conduit and fittings	Ea.	15.0000	\$0.44	\$6.60	RSM22FAC
103	26-05-33-13-5740-4020 Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Conduit and fittings	Ea.	15.0000	\$5.50	\$82.50	RSM22FAC
104	26-05-33-13-5740-6210 Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Conduit and fittings	Ea.	15.0000	\$2.20	\$33.00	RSM22FAC
105	26-05-33-13-6540 EMT boxes connectors, set screw, steel, 1" diameter, to 15' H Conduit and fittings	Ea.	10.0000	\$11.00	\$110.00	RSM22FAC
106	26-05-33-13-6540-1010 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) Conduit and fittings	Ea.	10.0000	\$0.59	\$5.90	RSM22FAC
107	26-05-33-13-6540-3210 Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Conduit and fittings	Ea.	10.0000	\$0.12	\$1.20	RSM22FAC
108	26-05-33-13-6540-4020 Labor adjustment factor (electrical), add to labor for working in existing occupied buildings, office building (Modified using 26-01-02-20-4020) Conduit and fittings	Ea.	10.0000	\$1.48	\$14.80	RSM22FAC
109	26-05-33-13-6540-6210 Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Conduit and fittings	Ea.	10.0000	\$0.59	\$5.90	RSM22FAC
110	26-05-90-10-2290 Switch devices, residential, single pole, rotary dimmer, no wiring, 600 W, incl box & cover plate Furnish and install dimmer switch as required.	Ea.	1.0000	\$85.00	\$85.00	RSM22FAC
111	26-05-90-10-2290-3210 Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Furnish and install dimmer switch as required.	Ea.	1.0000	\$0.62	\$0.62	RSM22FAC

Final Estimate

Estimator: David P. Roy

Aurora PD Headquarters 3rd Floor Buildout

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
112 26-05-90-10-2290-4020	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 dimmer switch as required.	Ea.	1.0000	\$7.75	\$7.75	RSM22FAC
113 26-05-90-10-2290-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install dimmer switch as required.	Ea.	1.0000	\$3.10	\$3.10	RSM22FAC
114 26-27-26-20-2542	Quad receptacle, isolated ground, quad, 20 amp Furnish and install wall outlets as required.	Ea.	4.0000	\$87.00	\$348.00	RSM22FAC
115 26-27-26-20-2542-3210	Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Furnish and install wall outlets as required.	Ea.	4.0000	\$0.53	\$2.12	RSM22FAC
116 26-27-26-20-2542-4020	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 wall outlets as required.	Ea.	4.0000	\$6.63	\$26.52	RSM22FAC
117 26-27-26-20-2542-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install wall outlets as required.	Ea.	4.0000	\$2.65	\$10.60	RSM22FAC
118 26-27-26-20-3100	Wall plate, stainless steel, 4 gang Furnish and install wall outlet plates as required.	Ea.	4.0000	\$44.00	\$176.00	RSM22FAC
119 26-27-26-20-3100-3210	Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Furnish and install wall outlet plates as required.	Ea.	4.0000	\$0.39	\$1.56	RSM22FAC
120 26-27-26-20-3100-4020	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 wall outlet plates as required.	Ea.	4.0000	\$4.90	\$19.60	RSM22FAC
121 26-27-26-20-3100-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install wall outlet plates as required.	Ea.	4.0000	\$1.96	\$7.84	RSM22FAC
122 26-51-13-55-1020	Interior LED fixtures, troffer, recess mounted, 6,400 lumens, 2' x 4', replaces four T8 lamp, incl lamps, mounting hardware and connections Furnish and install new lighting as required.	Ea.	24.0000	\$385.00	\$9,240.00	RSM22FAC
123 26-51-13-55-1020-1020	Labor adjustment factor (electrical), add to labor for elevated installation (above floor level), 15' to 19.5' high (Modified using 26-01-02-20-1020) Furnish and install new lighting as required.	Ea.	24.0000	\$22.60	\$542.40	RSM22FAC
124 26-51-13-55-1020-4020	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 new lighting as required.	Ea.	24.0000	\$28.25	\$678.00	RSM22FAC
125 26-51-13-55-1020-6220	Labor adjustment factor (electrical), equipment room min security direct access w/authorization (Modified using 26-01-02-20-6220) Furnish and install new lighting as required.	Ea.	24.0000	\$16.95	\$406.80	RSM22FAC

Final Estimate

Estimator: David P. Roy

Aurora PD Headquarters 3rd Floor Buildout

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
126 26-61-13-30-0300	Fixture whips, 3/8" greenfield, 2 connectors, THHN wire, three #14, 6' long Furnish and install new fixture whips as required	Ea.	24.0000	\$36.00	\$864.00	RSM22FAC
127 26-61-13-30-0300-1010	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 new fixture whips as required	Ea.	24.0000	\$1.66	\$39.84	RSM22FAC
128 26-61-13-30-0300-4020	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 new fixture whips as required	Ea.	24.0000	\$4.14	\$99.36	RSM22FAC
129 26-61-13-30-0300-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install new fixture whips as required	Ea.	24.0000	\$1.66	\$39.84	RSM22FAC
26 - Electrical Total					\$32,954.75	

27 - Communications

130 27-15-43-13-1060	Voice/data wall plate, plastic, 1 gang, 4-port, excl voice/data devices Furnish and install new data ports as required.	Ea.	4.0000	\$13.90	\$55.60	RSM22FAC
131 27-15-43-13-1060-3210	Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Furnish and install new data ports as required.	Ea.	4.0000	\$0.15	\$0.60	RSM22FAC
132 27-15-43-13-1060-4020	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 new data ports as required.	Ea.	4.0000	\$1.84	\$7.36	RSM22FAC
133 27-15-43-13-1060-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install new data ports as required.	Ea.	4.0000	\$0.74	\$2.96	RSM22FAC
27 - Communications Total					\$66.52	

28 - Electronic Safety and Security

134 28-46-11-50-5010	Detection system, fire alarm, detector, heat (addressable type), excl. wires & conduit Furnish and install all heat detectors as required.	Ea.	5.0000	\$355.00	\$1,775.00	RSM22FAC
135 28-46-11-50-5010-3210	Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Furnish and install all heat detectors as required.	Ea.	5.0000	\$1.46	\$7.30	RSM22FAC
136 28-46-11-50-5010-4020	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 heat detectors as required.	Ea.	5.0000	\$18.25	\$91.25	RSM22FAC
137 28-46-11-50-5010-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210)	Ea.	5.0000	\$7.30	\$36.50	RSM22FAC

Final Estimate

Estimator: David P. Roy

Aurora PD Headquarters 3rd Floor Buildout

28 - Electronic Safety and Security

Item	Description	UM	Quantity	Unit Cost	Total	Book
	Furnish and install all heat detectors as required.					
138 28-46-20-50-5610	Detection system, strobe & horn, ADA type, excluding wires & conduits Furnish and install FA strobe and horns as required.	Ea.	2.0000	\$310.00	\$620.00	RSM22FAC
139 28-46-20-50-5610-3210	Labor adjustment factor (electrical), for existing structure (Elevator available), add for work on floor 3 and above (Modified using 26-01-02-20-3210) Furnish and install FA strobe and horns as required.	Ea.	2.0000	\$2.00	\$4.00	RSM22FAC
140 28-46-20-50-5610-4020	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 FA strobe and horns as required.	Ea.	2.0000	\$25.00	\$50.00	RSM22FAC
141 28-46-20-50-5610-6210	Labor adjustment factor (electrical), movement of material and equipment through finished areas (Modified using 26-01-02-20-6210) Furnish and install FA strobe and horns as required.	Ea.	2.0000	\$10.00	\$20.00	RSM22FAC
28 - Electronic Safety and Security Total					\$2,604.05	

Alternate

142 01-21-53-50-1450-M	Cost adjustment factors, material handling & storage limitation, add to construction costs for particular job requirements, 3% Line item includes all costs associated with bringing all materials in through the building and up to the 3rd floor as required. Project location is on the opposite side of the building of the freight elevator.	Costs	450,000.0000	3.0000%	\$13,500.00	CUSTOM
143 08-43-13-10-1500	Demo - Frames, aluminum, door, entrance, clear finish, storefront, 6' x 7' opening, with 3' high transom above Line item includes the removal of the existing double door as required. Material to be salvaged and turned over to the City of Aurora.	Opng.	1.0000	\$291.50	\$291.50	CUSTOM
144 08-51-13-10-0100	Demo - Windows, aluminum sash, stock, grade C, fixed casement, excl. glazing and trim Remove and salvage of the existing window for reinstallation.	S.F.	48.0000	\$8.20	\$393.60	CUSTOM
145 08-51-13-10-0100	Windows, aluminum sash, stock, grade C, fixed casement, excl. glazing and trim Line item includes the placement of the salvaged window as required.	S.F.	48.0000	\$8.20	\$393.60	CUSTOM
146 09-68-13-10-5060	Demo - Carpet tile, tufted nylon, 42 oz., 18" x 18" or 24" x 24" Remove and dispose of all carpet as required. 2700/9 = 300.00	S.Y.	300.0000	\$8.65	\$2,595.00	CUSTOM
147 09-84-13-10-1000	Demo - Sound absorbing panels, mineral fiberboard, fabric covered, concealed spline, wall mounted, 30" x 108" x 3/4" thick Remove and dispose of all wall pads as required. 240*6 = 1,440.00	S.F.	1,440.0000	\$4.78	\$6,883.20	CUSTOM
148 ALLOWANCE	Permit Allowance This proposal includes a \$15,000.00 allowance for the procurement of a permit and all architectural drawings required. The City of Aurora is to cover all costs in excess of the \$15,000.00 allowance.	LSUM	1.0000	\$15,000.00	\$15,000.00	CUSTOM
149 ALLOWANCE	ADS Fire Alarm Allowance	Ea	1.0000	\$20,000.00	\$20,000.00	CUSTOM

Final Estimate

Estimator: David P. Roy

Aurora PD Headquarters 3rd Floor Buildout

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
	The existing fire alarm scope of work is unknown. This proposal includes a \$20,000.00 fire alarm allowance to mitigate the potential impact of FA costs. The City of Aurora is to cover all costs in excess of the \$20,000.00 allowance.					
	Alternate Total				\$59,056.90	

Trades

150	PORD	Painters, Ordinary - 2022 RSMeans Facilities O&P Rate Line item includes one man for one day to repair all dents, holes, etc in walls.	Hour	8.0000	\$75.60	\$604.80 Trades
151	SHEE	Sheet Metal Workers - 2022 RSMeans Facilities O&P Rate One man for one day to balance air in room C304.	Hour	8.0000	\$105.15	\$841.20 Trades
	Trades Total					\$1,446.00

Estimate Grand Total	457,840.39
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