

426 Seguin Street ♦ San Antonio, TX 78208 ♦ Office 210.375.8484 ♦

City of San Antonio Job Order Contract

Oct 17, 2014

Stacy Gonzales PM

Roger Carrillo AIA San Antonio JOC

332 W. Commerce St, Ste. 408

San Antonio, TX, 78205

O: 210-207-8747

FAX: 210-207-2159

Re: CIMS-San Antonio: **REVISED Central Library Teen Center Renovations**

Owner: City of San Antonio

COSA Contract Date: Pending

Owner's Representative: Stacy Gonzales

Contractor: CON-COR, INC.

Project Manager: Roger Carrillo

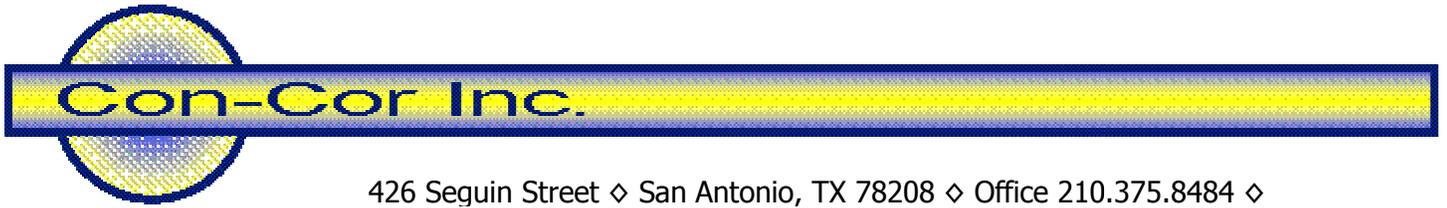
Subject:

This Proposal is offered as set forth in the terms and conditions of the contract and the statement of work as amended by a more detailed statement of work attached.

1. All work shall be performed in accordance with the request for proposal and the drawings and specifications provided by Marmon Mok dated 25 July 2014.
2. As a Joint Scope in accordance with current industry standards, OSHA Safety compliance and all governing code requirements.
3. No other related work requirements are acknowledged.

Assumptions & Clarifications:

1. Provide demolition plans
2. Provide new walls, and ceilings per plans



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3. Provide doors, frames and hardware per plans
4. Provide finishes per plans
5. Provide mechanical, plumbing, electrical, IT, fire alarm per plans.
6. Provide alternate work as shown on plans
7. Provide temporary protection and walls as needed for the work
8. Work to be performed during normal business hours.

Total Contract Amount: **\$663,544.17**

EXCLUDES:

1. Power and utility charges

Sincerely,

A handwritten signature in black ink, appearing to read "Cy Jary".

Cy Jary,
President
210-375-8484 x-203 Office
210-275-8494 Fax
210-410-4975 Cell
cyjary@con-corinc.com



Preliminary Estimate, by line item

Cy Jary
ConCor

2011 City of San Antonio ConCor JOC - 2011 City of San Antonio ConCor
JOC - First Option - 3/14/2012 to 3/13/2013
Central Library Teen Center - 1103064

Estimator: Cy Jary

Summary of tagged estimates...

Division Summary (MF04)

01 - General Requirements	\$55,848.76
02 - Existing Conditions	\$4,000.00
03 - Concrete	\$380.00
04 - Masonry	
05 - Metals	\$6,370.00
06 - Wood, Plastics, and Composites	\$2,208.00
07 - Thermal and Moisture Protection	\$6,523.10
08 - Openings	\$188,423.00
09 - Finishes	\$328,236.24
10 - Specialties	\$48,658.50
11 - Equipment	
12 - Furnishings	\$42,597.80
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	\$50,050.70
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$49,921.70

26 - Electrical	\$179,872.26
27 - Communications	\$29,129.00
28 - Electronic Safety and Security	\$6,798.00
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	
Alternates	
Trades	\$65,634.65
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$1,064,651.71

Totalling Components

Priced Line Items	\$1,064,651.71
RSMean SAN ANTONIO, TX CCI 2014, 83.10%	\$(179,926.14)
2011 City of San Antonio ConCor Normal Priced (-25.0000%)	\$(221,181.40)

Nonpriced Line Items	
2011 City of San Antonio ConCor Normal Nonpriced (-18.0000%)	

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

Material:	\$540,361.56
Labor:	\$493,008.55
Equipment:	\$907.84
Other:	\$30,373.76
Laborhours:	6,324.45
Green Line Items:7	\$30,693.10

Priced/Non-Priced

Total Priced Items:	265	\$1,064,651.71	
Total Non-Priced Items:	0	\$0.00	0.00%
	265	\$1,064,651.71	

Grand Total

\$663,544.17

Preliminary Estimate, by line item

Estimator: Cy Jary		Combined estimates...					
Item	Description	UM	Quantity	Unit Cost	Total	Book	
01 - General Requirements							
1	01-31-13-20-0020 Field personnel, clerk, average (General Conditions 10.0000)	Week	10.0000	\$710.00	\$7,100.00	RSM14FAC L, O&P	P
2	01-31-13-20-0260 Field personnel, superintendent, average (General Conditions 10.0000)	Week	10.0000	\$3,350.00	\$33,500.00	RSM14FAC L, O&P	P
3	01-31-13-30-0050 Insurance, builders risk, standard, maximum (General Conditions 494,189.0000)	Job	494,189.0000	0.6400%	\$3,162.81	RSM14FAC O&P	P
4	01-32-33-50-1720 Photographs, cameraman and film, including processing, color (General Conditions 2.0000)	Day	2.0000	\$1,550.00	\$3,100.00	RSM14FAC M, O&P	P
5	01-41-26-50-0020 Permits, rule of thumb, most cities, minimum (General Conditions 494,189.0000)	Job	494,189.0000	0.5000%	\$2,470.95	RSM14FAC O&P	P
6	01-74-13-20-0040 Cleaning up, after job completion, allow, maximum (General Conditions 344,000.0000)	Job	344,000.0000	1.0000%	\$3,440.00	RSM14FAC O&P	P
7	01-76-13-20-0020 Temporary protection, flooring, 1/8" tempered hardboard, taped seams (General Conditions 2,500.0000)	S.F.	2,500.0000	\$1.23	\$3,075.00	RSM14FAC M, L, O&P	P
01 - General Requirements Total						\$55,848.76	
02 - Existing Conditions							
8	02-41-19-19-0800 Selective facility services demolition, rubbish handling, the following are to be added to the demolition prices. Dumpster, weekly rental, includes one dump per week, 30 C.Y. capacity, 7 tons (General Conditions 5.0000)	Week	5.0000	\$800.00	\$4,000.00	RSM14FAC M, O&P	P
02 - Existing Conditions Total						\$4,000.00	
03 - Concrete							
9	03-82-13-10-0100 Core drilling, including bit cost, layout and set-up time, reinforced concrete slab, up to 6" thick, 1" diameter core (Add Alternate #1 3.0000) Add alternate #1	Ea.	3.0000	\$72.00	\$216.00	RSM14FAC M, L, E, O&P	P
10	03-82-13-10-0500 Core drilling, including bit cost, layout and set-up time, reinforced concrete slab, up to 6" thick, 4" diameter core (Add Alternate #1 2.0000) Add alternate #1	Ea.	2.0000	\$82.00	\$164.00	RSM14FAC M, L, E, O&P	P
03 - Concrete Total						\$380.00	

Preliminary Estimate, by line item

Estimator: Cy Jary		Combined estimates...				
Item	Description	UM	Quantity	Unit Cost	Total	Book
05 - Metals						
11	05-05-19-20-5900 Expansion anchors, anchors for concrete, brick or stone, no layout and drilling, stone and tile, lag screw shields, 3/8" diameter, short anchors (Metal Fabrications 100.0000)	Ea.	100.0000	\$7.80	\$780.00	RSM14FAC Grn, M, L, O&P P
12	05-12-23-10-1100 Ceiling supports, structural framing, linear accelerator door supports (Add Alternate #1 10.0000) Add alternate #1	L.F.	10.0000	\$360.00	\$3,600.00	RSM14FAC Grn, M, L, E, O&P P
13	05-12-23-10-1700 Ceiling supports, structural framing, excluding door track and hardware, partition support for heavy folding partitions, without pocket (Metal Fabrications 10.0000) Door supports	L.F.	10.0000	\$199.00	\$1,990.00	RSM14FAC Grn, M, L, E, O&P P
05 - Metals Total					\$6,370.00	
06 - Wood, Plastics, and Composites						
14	06-11-10-26-0180 Partitions, includes single bottom and double top plate, excludes waste, standard and better lumber, 2" x 4" studs, 8' high, studs 12" O.C. (Carpentry 100.0000)	L.F.	100.0000	\$19.65	\$1,965.00	RSM14FAC M, L, O&P P
15	06-11-10-26-0180-1400 Partitions, for horizontal blocking, 2" x 4", add (Modified using 06-11-10-26-1400) (Carpentry 100.0000)	L.F.	100.0000	\$2.43	\$243.00	RSM14FAC M, L, O&P P
06 - Wood, Plastics, and Composites Total					\$2,208.00	
07 - Thermal and Moisture Protection						
16	07-21-16-20-0080 Blanket insulation for walls, kraft faced fiberglass, 3-1/2" thick, R13, 15" wide (Metal Studs & GWB 4,890.0000)	S.F.	4,890.0000	\$0.79	\$3,863.10	RSM14FAC Grn, M, L, O&P P
17	07-95-13-50-0300 Expansion joint assemblies, floor cover assemblies, 1" space, bronze (Add Alternate #1 35.0000) Add alternate #1	L.F.	35.0000	\$76.00	\$2,660.00	RSM14FAC M, L, O&P P
07 - Thermal and Moisture Protection Total					\$6,523.10	
08 - Openings						
18	08-12-13-13-0100 Standard hollow metal frames, steel, knock down, 16 gauge, up to 5-3/4" jamb depth, 7'-0" high, 3'-0" wide, single (Doors/Windows/Hdw & Glazing 4.0000)	Ea.	4.0000	\$241.00	\$964.00	RSM14FAC M, L, O&P P
19	08-12-13-13-0100 Standard hollow metal frames, steel, knock down, 16 gauge, up to 5-3/4" jamb depth, 7'-0" high, 3'-0" wide, single (Add Alternate #1 2.0000)	Ea.	2.0000	\$241.00	\$482.00	RSM14FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

08 - Openings

Item	Description	UM	Quantity	Unit Cost	Total	Book
	Add alternate #1					
20 08-14-16-09-4140	Smooth wood doors, flush, exterior, solid core, oak faced 1-3/4", 3'-0" x 7'-0" (Doors/Windows/Hdw & Glazing 4.0000)	Ea.	4.0000	\$340.00	\$1,360.00	RSM14FAC M, L, O&P
21 08-14-16-09-4140	Smooth wood doors, flush, exterior, solid core, oak faced 1-3/4", 3'-0" x 7'-0" (Add Alternate #1 2.0000) Add alternate #1	Ea.	2.0000	\$340.00	\$680.00	RSM14FAC M, L, O&P
22 08-14-16-20-0090	Wood fire doors, particle core, 7 face plys, "B" label, 1-3/4" thick, 1 hour, birch face, 3'-0" x 7'-0" (Doors/Windows/Hdw & Glazing 1.0000)	Ea.	1.0000	\$580.00	\$580.00	RSM14FAC M, L, O&P
23 08-17-13-10-0120	Hollow metal doors and frames, prehung, flush, commercial, steel, 18 gauge, 1- 3/4" thick, single 6'-8" x 3'-0" wide (Doors/Windows/Hdw & Glazing 1.0000)	Ea.	1.0000	\$725.00	\$725.00	RSM14FAC M, L, O&P
24 08-31-13-10-1100	Types of framed access doors, fire rated door with lock, metal, 12" x 12" (Doors/Windows/Hdw & Glazing 4.0000)	Ea.	4.0000	\$243.00	\$972.00	RSM14FAC M, L, O&P
25 08-32-13-10-0600	Sliding aluminum doors, aluminum, 5/8" tempered insulated glass, 12' wide, premium (Doors/Windows/Hdw & Glazing 4.0000)	Ea.	4.0000	\$3,750.00	\$15,000.00	RSM14FAC M, L, O&P
26 08-41-19-10-2100	Stainless-steel and glass entrance unit, narrow stiles, balanced doors, 3' x 7', premium (Add Alternate #1 6.0000)	Ea.	6.0000	\$19,000.00	\$114,000.00	RSM14FAC M, L, O&P
27 08-43-29-10-0200	Sliding panels, mall fronts, aluminum and glass, 48' x 9' high, with fixed panels (Doors/Windows/Hdw & Glazing 4.0000)	Opng.	4.0000	\$11,100.00	\$44,400.00	RSM14FAC M, L, O&P
28 08-71-20-15-0050	Hardware, average percentage for hardware, total job cost, maximum (Doors/Windows/Hdw & Glazing 150,000.0000)	Job	150,000.0000	5.0000%	\$7,500.00	RSM14FAC O&P
29 08-71-20-15-2500	Hardware, average, door hardware, school, single interior, regular use, lever (Add Alternate #1 2.0000) Add Alternate #1	Door	2.0000	\$880.00	\$1,760.00	RSM14FAC M, L, O&P
08 - Openings Total						\$188,423.00

09 - Finishes

30 09-22-03-20-1300	Drilling plaster and drywall, including drilling and layout for drywall or plaster walls, up to 1" deep, excluding anchor, holes, 3/8" diameter (Add Alternate #1 200.0000) Add alternate #1	Ea.	200.0000	\$4.32	\$864.00	RSM14FAC M, L, O&P
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Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

09 - Finishes

Item	Description	UM	Quantity	Unit Cost	Total	Book
31 09-22-16-13-1640	Non-structural metal stud framing, non load bearing, galvanized, includes top and S.F. bottom track, 8' high, 25 gauge studs, 3-5/8" wide, 16" O.C. (Metal Studs & GWB 4,800.0000)		4,800.0000	\$1.42	\$6,816.00	RSM14FAC M, L, O&P P
32 09-22-16-13-1640	Non-structural metal stud framing, non load bearing, galvanized, includes top and S.F. bottom track, 8' high, 25 gauge studs, 3-5/8" wide, 16" O.C. (Metal Studs & GWB 1,750.0000) Furrdowns		1,750.0000	\$1.42	\$2,485.00	RSM14FAC M, L, O&P P
33 09-22-16-13-3200	Non-structural metal stud framing, non load bearing, galvanized, includes top and S.F. bottom track, 12' high, 20 gauge studs, 3-5/8" wide, 16" O.C. (Add Alternate #1 400.0000) Furrdown add alterante #1		400.0000	\$2.38	\$952.00	RSM14FAC M, L, O&P P
34 09-22-26-13-8300	Ceiling suspension systems, for gypsum board or plaster, suspended ceilings, including carriers, 1-1/2" carriers, 24" O.C., 7/8" channels, 16" O.C. (Metal Studs & GWB 650.0000)	S.F.	650.0000	\$2.41	\$1,566.50	RSM14FAC M, L, O&P P
35 09-22-26-13-8400	Ceiling suspension systems, for gypsum board or plaster, suspended ceilings, including carriers, 1-1/2" carriers, 24" O.C., 1-5/8" channels, 16" O.C. (Add Alternate #1 822.0000) Add alternate #1	S.F.	822.0000	\$3.17	\$2,605.74	RSM14FAC M, L, O&P P
36 09-29-10-30-2050	Gypsum board, on walls and ceilings, nailed or screwed to studs, 5/8" thick, on walls, standard, taped and finished, level 4 finish (Add Alternate #1 900.0000) Add alternate #1	S.F.	900.0000	\$1.66	\$1,494.00	RSM14FAC M, L, O&P P
37 09-29-10-30-2050	Gypsum board, on walls and ceilings, nailed or screwed to studs, 5/8" thick, on walls, standard, taped and finished, level 4 finish (Add Alternate #1 400.0000) Furrdown Add alterante #1	S.F.	400.0000	\$1.66	\$664.00	RSM14FAC M, L, O&P P
38 09-29-10-30-2050-5200	Gypsum board, for work over 8' high, add (Modified using 09-29-10-30-5200) (Add Alternate #1 900.0000) Add alternate #1	S.F.	900.0000	\$0.39	\$351.00	RSM14FAC L, O&P P
39 09-29-10-30-2050-5200	Gypsum board, for work over 8' high, add (Modified using 09-29-10-30-5200) (Add Alternate #1 400.0000) Furrdown add alterante #1	S.F.	400.0000	\$0.39	\$156.00	RSM14FAC L, O&P P
40 09-29-10-30-3150	Gypsum board, on walls and ceilings, nailed or screwed to studs, 5/8" thick, on ceilings, fire resistant, taped and finished, level 4 finish (Metal Studs & GWB 3,900.0000)	S.F.	3,900.0000	\$2.01	\$7,839.00	RSM14FAC M, L, O&P P
41 09-30-13-10-0024	Ceramic tile, backsplash, thinset, luxury grade tiles (Ceramic Tile 3,600.0000)	S.F.	3,600.0000	\$21.50	\$77,400.00	RSM14FAC M, L, O&P P
42 09-51-23-30-0800	Suspended ceilings, complete, including standard, suspension system, excluding 1-1/2" carrier channels, mineral fiber, on 15/16" T bar, 2' x 2' x 3/4" lay-in board	S.F.	3,600.0000	\$4.57	\$16,452.00	RSM14FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

09 - Finishes

Item	Description	UM	Quantity	Unit Cost	Total	Book
	(Accoutiscial Ceilings 3,600.0000)					
43 09-51-23-30-0800	Suspended ceilings, complete, including standard, suspension system, excluding S.F. 1-1/2" carrier channels, mineral fiber, on 15/16" T bar, 2' x 2' x 3/4" lay-in board (Add Alternate #1 1,650.0000) Add alternate #1	S.F.	1,650.0000	\$4.57	\$7,540.50	RSM14FAC M, L, O&P P
44 09-51-23-30-0820	Suspended ceilings, complete, including standard, suspension system, excluding S.F. 1-1/2" carrier channels, mineral fiber, tegular, 2' x 2' x 5/8" tile on 9/16" grid (Accoutiscial Ceilings 3,700.0000)	S.F.	3,700.0000	\$5.85	\$21,645.00	RSM14FAC M, L, O&P P
45 09-62-19-10-8300	Floating floor, floating floor, laminate, wood pattern strip, complete (Flooring 1,750.0000)	S.F.	1,750.0000	\$9.15	\$16,012.50	RSM14FAC M, L, O&P P
46 09-65-13-13-0700	Resilient base, 1/8" vinyl base, standard colors, straight or cove, 4" high (Flooring 1,200.0000)	L.F.	1,200.0000	\$3.07	\$3,684.00	RSM14FAC M, L, O&P P
47 09-65-13-13-0700	Resilient base, 1/8" vinyl base, standard colors, straight or cove, 4" high (Add Alternate #1 300.0000) Add alternate #1	L.F.	300.0000	\$3.07	\$921.00	RSM14FAC M, L, O&P P
48 09-65-19-10-2200	Miscellaneous resilient tile flooring, cork tile, standard finish, 1/8" thick (Flooring 1,500.0000)	S.F.	1,500.0000	\$9.40	\$14,100.00	RSM14FAC Grn, M, L, O&P P
49 09-65-19-10-6050	Miscellaneous resilient tile flooring, rubber tile, marbleized colors, 12" x 12", 1/8" thick (Add Alternate #1 250.0000) Add alterante #1	S.F.	250.0000	\$9.25	\$2,312.50	RSM14FAC M, L, O&P P
50 09-65-19-10-7700	Miscellaneous resilient tile flooring, vinyl tile, 12" x 12", 1/8" thick, marbleized or travertine pattern (Flooring 1,500.0000)	S.F.	1,500.0000	\$7.55	\$11,325.00	RSM14FAC M, L, O&P P
51 09-68-13-10-1180	Carpet tile, tufted nylon, 24" x 24", hard back, 35 ounce (Flooring 900.0000)	S.Y.	900.0000	\$46.00	\$41,400.00	RSM14FAC M, L, O&P P
52 09-68-13-10-1180	Carpet tile, tufted nylon, 24" x 24", hard back, 35 ounce (Add Alternate #1 125.0000) Add alternate #1	S.Y.	125.0000	\$46.00	\$5,750.00	RSM14FAC M, L, O&P P
53 09-84-13-10-0200	Fixed panels, perforated steel facing, painted with fiberglass or mineral filler, excluding backs, 2-1/4" thick, modular, space units, ceiling or wall hung, white or colored (Painting & wallcovering 3,220.0000)	S.F.	3,220.0000	\$15.65	\$50,393.00	RSM14FAC M, L, O&P P
54 09-91-03-20-0100-L	Sanding, sanding and puttying interior trim, compared to, painting one coat, on quality work (Painting & wallcovering 6,000.0000)	L.F.	6,000.0000	100.0000%	\$6,000.00	RSM14FAC L, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

09 - Finishes

Item	Description	UM	Quantity	Unit Cost	Total	Book
55 09-91-03-20-0510	Sanding, surface protection, placement and removal, basic drop cloths (Add Alternate #1 2,500.0000) Add alternate #1	S.F.	2,500.0000	\$0.08	\$200.00	RSM14FAC L, O&P P
56 09-91-23-35-0110	Doors and windows, interior latex, doors flush, both sides, including frame and trim, roll and brush, primer coat (Add Alternate #1 3.0000) Add alternate #1	Ea.	3.0000	\$55.50	\$166.50	RSM14FAC M, L, O&P P
57 09-91-23-35-0120	Doors and windows, interior latex, doors flush, both sides, including frame and trim, roll and brush, finish coat (Add Alternate #1 3.0000) Add alternate #1	Ea.	3.0000	\$57.00	\$171.00	RSM14FAC M, L, O&P P
58 09-91-23-35-0140	Doors and windows, interior latex, doors flush, both sides, including frame and trim, roll and brush, primer and two coats (Painting & wallcovering 10.0000)	Ea.	10.0000	\$118.00	\$1,180.00	RSM14FAC M, L, O&P P
59 09-91-23-72-0200	Walls and ceilings, interior, concrete, drywall or plaster, latex, primer or sealer coat, smooth finish, brushwork (Painting & wallcovering 15,000.0000)	S.F.	15,000.0000	\$0.51	\$7,650.00	RSM14FAC M, L, O&P P
60 09-91-23-72-0200	Walls and ceilings, interior, concrete, drywall or plaster, latex, primer or sealer coat, smooth finish, brushwork (Add Alternate #1 1,000.0000) Add alternate #1	S.F.	1,000.0000	\$0.51	\$510.00	RSM14FAC M, L, O&P P
61 09-91-23-72-0200-1800	Walls and ceilings, interior, for ceiling installations, add (Modified using 09-91-23-72-1800) (Add Alternate #1 1,000.0000) Add alternate #1	S.F.	1,000.0000	\$0.07	\$70.00	RSM14FAC L, O&P P
62 09-91-23-72-0240	Walls and ceilings, interior, concrete, drywall or plaster, latex, primer or sealer coat, smooth finish, roller (Painting & wallcovering 30,000.0000)	S.F.	30,000.0000	\$0.45	\$13,500.00	RSM14FAC M, L, O&P P
63 09-91-23-72-0240	Walls and ceilings, interior, concrete, drywall or plaster, latex, primer or sealer coat, smooth finish, roller (Add Alternate #1 2,500.0000) Add alternate #1	S.F.	2,500.0000	\$0.45	\$1,125.00	RSM14FAC M, L, O&P P
64 09-91-23-72-0240-1800	Walls and ceilings, interior, for ceiling installations, add (Modified using 09-91-23-72-1800) (Add Alternate #1 750.0000) Add alternate #1	S.F.	750.0000	\$0.06	\$45.00	RSM14FAC L, O&P P
65 09-91-23-72-0800	Walls and ceilings, interior, concrete, drywall or plaster, latex, paint two coats, smooth finish, brushwork (Add Alternate #1 1,000.0000) Add Alternate #1	S.F.	1,000.0000	\$0.89	\$890.00	RSM14FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

09 - Finishes

Item	Description	UM	Quantity	Unit Cost	Total	Book
66 09-91-23-72-0840	Walls and ceilings, interior, concrete, drywall or plaster, latex, paint two coats, smooth finish, roller (Add Alternate #1 2,500.0000) Add alternate #1	S.F.	2,500.0000	\$0.77	\$1,925.00	RSM14FAC M, L, O&P
67 09-91-23-72-0840-1800	Walls and ceilings, interior, for ceiling installations, add (Modified using 09-91-23-72-1800) (Add Alternate #1 750.0000) Add alternate #1	S.F.	750.0000	\$0.10	\$75.00	RSM14FAC L, O&P
09 - Finishes Total					\$328,236.24	

10 - Specialties

68 10-11-13-13-6250	Fixed chalkboards, economy dry erase board, melamine, 36" high (Specialties 1,004.5000) magnetic boards	S.F.	1,004.5000	\$27.50	\$27,623.75	RSM14FAC M, L, O&P
69 10-14-19-10-9000	Exterior signs, minimum labor/equipment charge (Specialties 5.5000)	Job	5.5000	\$151.00	\$830.50	RSM14FAC L, O&P
70 10-14-53-20-2300	Traffic signs, highway road signs, excludes posts, highway, suspended over road, 80 S.F. minimum, high intensity (Doors/Windows/Hdw & Glazing 100.0000) For Black dot at glass	S.F.	100.0000	\$50.00	\$5,000.00	RSM14FAC M, L, E, O&P
71 10-21-13-19-0250	Plastic toilet compartments, cubicles, ceiling hung, phenolic (Toilet Partitions and Accessories 5.0000)	Ea.	5.0000	\$1,250.00	\$6,250.00	RSM14FAC M, L, O&P
72 10-28-13-13-0400	Commercial toilet accessories, diaper changing station, horizontal, wall mounted, plastic (Toilet Partitions and Accessories 1.0000)	Ea.	1.0000	\$305.00	\$305.00	RSM14FAC M, L, O&P
73 10-28-13-13-1100	Commercial toilet accessories, grab bar, straight, 1-1/4" diameter, stainless steel, 36" long (Toilet Partitions and Accessories 2.0000)	Ea.	2.0000	\$72.50	\$145.00	RSM14FAC M, L, O&P
74 10-28-13-13-1105	Commercial toilet accessories, grab bar, straight, 1-1/4" diameter, stainless steel, 42" long (Toilet Partitions and Accessories 2.0000)	Ea.	2.0000	\$80.50	\$161.00	RSM14FAC M, L, O&P
75 10-28-13-13-2300	Commercial toilet accessories, hand dryer, surface mounted, electric, 115 volt, 20 amp (Toilet Partitions and Accessories 2.0000)	Ea.	2.0000	\$625.00	\$1,250.00	RSM14FAC M, L, O&P
76 10-28-13-13-3100	Commercial toilet accessories, mirror, with stainless steel 3/4" square frame, 36" x 24" (Toilet Partitions and Accessories 2.0000)	Ea.	2.0000	\$153.00	\$306.00	RSM14FAC M, L, O&P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

10 - Specialties

Item	Description	UM	Quantity	Unit Cost	Total	Book
77	10-28-13-13-4200 Commercial toilet accessories, napkin or tampon dispenser, recessed (Toilet Partitions and Accessories 2.0000)	Ea.	2.0000	\$615.00	\$1,230.00	RSM14FAC M, L, O&P
78	10-28-13-13-4600 Commercial toilet accessories, soap dispenser, chrome, surface mounted, liquid (Toilet Partitions and Accessories 2.0000)	Ea.	2.0000	\$81.00	\$162.00	RSM14FAC M, L, O&P
79	10-28-13-13-6200 Commercial toilet accessories, toilet tissue dispenser, surface mounted, stainless steel, double roll (Toilet Partitions and Accessories 4.0000)	Ea.	4.0000	\$51.00	\$204.00	RSM14FAC M, L, O&P
80	10-28-13-13-6800 Commercial toilet accessories, towel dispenser, stainless steel, flush mounted, recessed (Toilet Partitions and Accessories 2.0000)	Ea.	2.0000	\$345.00	\$690.00	RSM14FAC M, L, O&P
81	10-57-23-19-1600 Wood closet and utility shelving, prefinished shelves with supports, stock, 10" wide (Carpentry 325.0000)	L.F.	325.0000	\$13.85	\$4,501.25	RSM14FAC M, L, O&P
10 - Specialties Total						\$48,658.50

12 - Furnishings

82	12-21-13-13-0250 Metal horizontal louver blinds, horizontal, 2" aluminum slats, solid color, stock (Window treatments 440.0000)	S.F.	440.0000	\$9.40	\$4,136.00	RSM14FAC M, L, O&P
83	12-32-23-10-7500 Manufactured wood casework, stock units, kitchen wall cabinets, hardwood, oven cabinets, 84" high, 24" deep, 27" wide (Add Alternate #1 7.0000) Add alterante #1	Ea.	7.0000	\$1,200.00	\$8,400.00	RSM14FAC M, L, O&P
84	12-32-23-10-9600 Manufactured wood casework, stock units, rule of thumb, kitchen cabinets, excluding appliances and counter top, maximum (Carpentry 27.0000) Custom Cabinets	L.F.	27.0000	\$465.00	\$12,555.00	RSM14FAC M, L, O&P
85	12-36-61-16-0900 Solid surface countertops, acrylic polymer, pricing for orders of 100 L.F. or greater, 25" wide, with hard seam attached 4" backsplash, premium patterned colors (Carpentry 70.5600)	L.F.	70.5600	\$155.00	\$10,936.80	RSM14FAC M, L, O&P
86	12-36-61-16-2900 Solid surface countertops, acrylic polymer, pricing for orders of 1 to 50 L.F. or greater, countertops, 25" wide, with hard seam attached 4" backsplash, premium patterned colors (Add Alternate #1 30.0000) Add alternate #1	L.F.	30.0000	\$219.00	\$6,570.00	RSM14FAC M, L, O&P
12 - Furnishings Total						\$42,597.80

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

Item	Description	UM	Quantity	Unit Cost	Total	Book
22 - Plumbing						
87 22-11-13-23-2140	Pipe and tube, copper, solder joints, type L tubing, couplings and clevis hanger assemblies 10' O.C., 1/2" diameter (Plumbing 50.0000)	L.F.	50.0000	\$12.55	\$627.50	RSM14FAC M, L, O&P P
88 22-11-13-23-2180	Pipe and tube, copper, solder joints, type L tubing, couplings and clevis hanger assemblies 10' O.C., 3/4" diameter (Plumbing 150.0000)	L.F.	150.0000	\$15.10	\$2,265.00	RSM14FAC M, L, O&P P
89 22-11-13-23-2180	Pipe and tube, copper, solder joints, type L tubing, couplings and clevis hanger assemblies 10' O.C., 3/4" diameter (Add Alternate #1 150.0000) Add alternate #1	L.F.	150.0000	\$15.10	\$2,265.00	RSM14FAC M, L, O&P P
90 22-11-13-25-0100	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, 90° elbow, Ea. 1/2" (Plumbing 10.0000)		10.0000	\$39.50	\$395.00	RSM14FAC M, L, O&P P
91 22-11-13-25-0120	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, 90° elbow, Ea. 3/4" (Plumbing 30.0000)		30.0000	\$45.50	\$1,365.00	RSM14FAC M, L, O&P P
92 22-11-13-25-0120	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, 90° elbow, Ea. 3/4" (Add Alternate #1 30.0000) Add alternate #1		30.0000	\$45.50	\$1,365.00	RSM14FAC M, L, O&P P
93 22-11-13-25-0280	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, 45° elbow, Ea. 1/2" (Plumbing 10.0000)		10.0000	\$42.50	\$425.00	RSM14FAC M, L, O&P P
94 22-11-13-25-0300	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, 45° elbow, Ea. 3/4" (Plumbing 10.0000)		10.0000	\$49.00	\$490.00	RSM14FAC M, L, O&P P
95 22-11-13-25-0300	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, 45° elbow, Ea. 3/4" (Add Alternate #1 10.0000) Add alternate #1		10.0000	\$49.00	\$490.00	RSM14FAC M, L, O&P P
96 22-11-13-25-0480	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, tee, 1/2" (Plumbing 8.0000)	Ea.	8.0000	\$61.50	\$492.00	RSM14FAC M, L, O&P P
97 22-11-13-25-0500	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, tee, 3/4" (Plumbing 5.0000)	Ea.	5.0000	\$74.00	\$370.00	RSM14FAC M, L, O&P P
98 22-11-13-25-0500	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, tee, 3/4" (Add Alternate #1 5.0000) Add alternate #1	Ea.	5.0000	\$74.00	\$370.00	RSM14FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

22 - Plumbing

Item	Description	UM	Quantity	Unit Cost	Total	Book
99 22-11-13-25-0616	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, tee, reducing on the outlet, 3/4" (Plumbing 6.0000)	Ea.	6.0000	\$76.50	\$459.00	RSM14FAC M, L, O&P P
100 22-11-13-25-0616	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, tee, reducing on the outlet, 3/4" (Add Alternate #1 6.0000) Add alternate #1	Ea.	6.0000	\$76.50	\$459.00	RSM14FAC M, L, O&P P
101 22-11-13-25-0680	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, coupling, 1/2" (Plumbing 12.0000)	Ea.	12.0000	\$35.00	\$420.00	RSM14FAC M, L, O&P P
102 22-11-13-25-0700	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, coupling, 3/4" (Plumbing 10.0000)	Ea.	10.0000	\$39.00	\$390.00	RSM14FAC M, L, O&P P
103 22-11-13-25-0700	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, coupling, 3/4" (Add Alternate #1 10.0000) Add alternate #1	Ea.	10.0000	\$39.00	\$390.00	RSM14FAC M, L, O&P P
104 22-11-13-25-0775	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, cap, sweat, 3/4" (Plumbing 3.0000)	Ea.	3.0000	\$23.50	\$70.50	RSM14FAC M, L, O&P P
105 22-11-13-25-0775	Pipe and tube fittings, copper, wrought, solder joints, copper x copper, cap, sweat, 3/4" (Add Alternate #1 3.0000) Add alternate #1	Ea.	3.0000	\$23.50	\$70.50	RSM14FAC M, L, O&P P
106 22-11-13-74-1860	Pipe, plastic, including couplings and clevis hanger assemblies, 10' O.C., 3 per 10', PVC, schedule 40, 1/2" diameter (Plumbing 30.0000)	L.F.	30.0000	\$16.65	\$499.50	RSM14FAC M, L, O&P P
107 22-11-13-74-1870	Pipe, plastic, including couplings and clevis hanger assemblies, 10' O.C., 3 per 10', PVC, schedule 40, 3/4" diameter (Plumbing 40.0000)	L.F.	40.0000	\$17.75	\$710.00	RSM14FAC M, L, O&P P
108 22-11-13-74-1910	Pipe, plastic, including couplings and clevis hanger assemblies, 10' O.C., 3 per 10', PVC, schedule 40, 2" diameter (Plumbing 75.0000)	L.F.	75.0000	\$28.50	\$2,137.50	RSM14FAC M, L, O&P P
109 22-11-13-74-1910	Pipe, plastic, including couplings and clevis hanger assemblies, 10' O.C., 3 per 10', PVC, schedule 40, 2" diameter (Add Alternate #1 75.0000) Add alternate #1	L.F.	75.0000	\$28.50	\$2,137.50	RSM14FAC M, L, O&P P
110 22-11-13-74-1930	Pipe, plastic, including couplings and clevis hanger assemblies, 10' O.C., 3 per 10', PVC, schedule 40, 3" diameter (Plumbing 60.0000)	L.F.	60.0000	\$36.50	\$2,190.00	RSM14FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

22 - Plumbing

Item	Description	UM	Quantity	Unit Cost	Total	Book
111 22-11-13-74-1930	Pipe, plastic, including couplings and clevis hanger assemblies, 10' O.C., 3 per 10', PVC, schedule 40, 3" diameter (Add Alternate #1 60.0000) Add alternate #1	L.F.	60.0000	\$36.50	\$2,190.00	RSM14FAC M, L, O&P P
112 22-11-13-76-2760	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, 90° elbow, 1/2" (Plumbing 2.0000)	Ea.	2.0000	\$22.00	\$44.00	RSM14FAC M, L, O&P P
113 22-11-13-76-2770	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, 90° elbow, 3/4" (Plumbing 8.0000)	Ea.	8.0000	\$25.50	\$204.00	RSM14FAC M, L, O&P P
114 22-11-13-76-2810	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, 90° elbow, 2" (Plumbing 6.0000)	Ea.	6.0000	\$38.50	\$231.00	RSM14FAC M, L, O&P P
115 22-11-13-76-2810	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, 90° elbow, 2" (Add Alternate #1 6.0000) Add alternate #1	Ea.	6.0000	\$38.50	\$231.00	RSM14FAC M, L, O&P P
116 22-11-13-76-2830	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, 90° elbow, 3" (Plumbing 4.0000)	Ea.	4.0000	\$68.00	\$272.00	RSM14FAC M, L, O&P P
117 22-11-13-76-2830	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, 90° elbow, 3" (Add Alternate #1 4.0000) Add alternate #1	Ea.	4.0000	\$68.00	\$272.00	RSM14FAC M, L, O&P P
118 22-11-13-76-2980	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, 45° elbow, 1/2" (Plumbing 3.0000)	Ea.	3.0000	\$22.50	\$67.50	RSM14FAC M, L, O&P P
119 22-11-13-76-2990	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, 45° elbow, 3/4" (Plumbing 2.0000)	Ea.	2.0000	\$26.50	\$53.00	RSM14FAC M, L, O&P P
120 22-11-13-76-3030	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, 45° elbow, 2" (Plumbing 2.0000)	Ea.	2.0000	\$39.00	\$78.00	RSM14FAC M, L, O&P P
121 22-11-13-76-3030	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, 45° elbow, 2" (Add Alternate #1 2.0000) Add alternate #1	Ea.	2.0000	\$39.00	\$78.00	RSM14FAC M, L, O&P P
122 22-11-13-76-3050	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, 45° elbow, 3" (Plumbing 3.0000)	Ea.	3.0000	\$71.50	\$214.50	RSM14FAC M, L, O&P P
123 22-11-13-76-3050	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, 45° elbow, 3" (Add Alternate #1 3.0000) Add alternate #1	Ea.	3.0000	\$71.50	\$214.50	RSM14FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

22 - Plumbing

Item	Description	UM	Quantity	Unit Cost	Total	Book
124 22-11-13-76-3380	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, coupling, 1/2" (Plumbing 5.0000)	Ea.	5.0000	\$22.00	\$110.00	RSM14FAC M, L, O&P P
125 22-11-13-76-3390	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, coupling, 3/4" (Plumbing 6.0000)	Ea.	6.0000	\$25.50	\$153.00	RSM14FAC M, L, O&P P
126 22-11-13-76-3430	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, coupling, 2" (Plumbing 6.0000)	Ea.	6.0000	\$37.50	\$225.00	RSM14FAC M, L, O&P P
127 22-11-13-76-3430	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, coupling, 2" (Add Alternate #1 6.0000) Add alternate #1	Ea.	6.0000	\$37.50	\$225.00	RSM14FAC M, L, O&P P
128 22-11-13-76-3450	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, coupling, 3" (Plumbing 5.0000)	Ea.	5.0000	\$63.00	\$315.00	RSM14FAC M, L, O&P P
129 22-11-13-76-3450	Pipe fittings, plastic, PVC, white, schedule 40, socket joints, coupling, 3" (Add Alternate #1 5.0000) Add alternate #1	Ea.	5.0000	\$63.00	\$315.00	RSM14FAC M, L, O&P P
130 22-41-13-40-0400	Water closets, tank type, vitreous china, including seat, supply pipe with stop, 1.6 Ea. GPF, wall hung, two piece, close coupled (Plumbing 3.0000)	Ea.	3.0000	\$935.00	\$2,805.00	RSM14FAC M, L, O&P P
131 22-41-13-40-0400	Water closets, tank type, vitreous china, including seat, supply pipe with stop, 1.6 Ea. GPF, wall hung, two piece, close coupled (Add Alternate #1 1.0000) Add alternate #1	Ea.	1.0000	\$935.00	\$935.00	RSM14FAC M, L, O&P P
132 22-41-13-40-0400-0960	Water closets, for rough-in, supply, waste, vent and carrier (Modified using 22-41 -13-40-0960) (Plumbing 3.0000)	Ea.	3.0000	\$1,375.00	\$4,125.00	RSM14FAC M, L, O&P P
133 22-41-13-40-0400-0960	Water closets, for rough-in, supply, waste, vent and carrier (Modified using 22-41 -13-40-0960) (Add Alternate #1 1.0000) Add alternate #1	Ea.	1.0000	\$1,375.00	\$1,375.00	RSM14FAC M, L, O&P P
134 22-41-13-40-0400-5140	Labor adjustment factors, add to labor, miscellaneous, congested area (Modified using 22-01-02-20-5140) (Plumbing 3.0000)	Ea.	3.0000	\$23.40	\$70.20	RSM14FAC L, O&P P
135 22-41-16-10-0720	Lavatories, including trim, white, vanity top, porcelain enamel on cast iron, 19" round (Plumbing 2.0000)	Ea.	2.0000	\$670.00	\$1,340.00	RSM14FAC M, L, O&P P
136 22-41-16-10-0720	Lavatories, including trim, white, vanity top, porcelain enamel on cast iron, 19" round (Add Alternate #1 1.0000)	Ea.	1.0000	\$670.00	\$670.00	RSM14FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

22 - Plumbing

Item	Description	UM	Quantity	Unit Cost	Total	Book
	Add alternate #1					
137	22-41-16-10-0720-3580 Lavatories, rough-in, supply, waste and vent for all above lavatories (Modified using 22-41-16-10-3580) (Plumbing 2.0000)	Ea.	2.0000	\$1,025.00	\$2,050.00	RSM14FAC M, L, O&P
138	22-41-16-10-0720-3580 Lavatories, rough-in, supply, waste and vent for all above lavatories (Modified using 22-41-16-10-3580) (Add Alternate #1 1.0000) Add alternate #1	Ea.	1.0000	\$1,025.00	\$1,025.00	RSM14FAC M, L, O&P
139	22-41-16-30-2000 Sinks, including faucets and drain, kitchen, counter top style, porcelain enamel on cast iron, 24" x 21" single bowl (Plumbing 1.0000)	Ea.	1.0000	\$530.00	\$530.00	RSM14FAC M, L, O&P
140	22-41-16-30-2000 Sinks, including faucets and drain, kitchen, counter top style, porcelain enamel on cast iron, 24" x 21" single bowl (Add Alternate #1 2.0000) Add alternate #1	Ea.	2.0000	\$530.00	\$1,060.00	RSM14FAC M, L, O&P
141	22-41-16-30-2000-4980 Sinks, for rough-in, supply, waste and vent, counter top sinks (Modified using 22-41-16-30-4980) (Plumbing 1.0000)	Ea.	1.0000	\$1,100.00	\$1,100.00	RSM14FAC M, L, O&P
142	22-41-16-30-2000-4980 Sinks, for rough-in, supply, waste and vent, counter top sinks (Modified using 22-41-16-30-4980) (Add Alternate #1 2.0000) Add alternate #1	Ea.	2.0000	\$1,100.00	\$2,200.00	RSM14FAC M, L, O&P
143	22-42-13-30-3100 Urinals, wall hung, vitreous china, with hanger and self-closing valve, siphon jet type (Add Alternate #1 1.0000) Add alternate #1	Ea.	1.0000	\$780.00	\$780.00	RSM14FAC M, L, O&P
144	22-42-13-30-3100-3300 Urinals, rough-in, supply, waste and vent (Modified using 22-42-13-30-3300) (Add Alternate #1 1.0000) Add alternate #1	Ea.	1.0000	\$1,075.00	\$1,075.00	RSM14FAC M, L, O&P
145	22-42-39-30-7040 Carriers and supports, for plumbing fixtures, water closet, siphon jet, horizontal, adjustable, caulk, single, 4" pipe size (Plumbing 3.0000)	Ea.	3.0000	\$855.00	\$2,565.00	RSM14FAC M, L, O&P
22 - Plumbing Total						\$50,050.70

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

146	23-05-93-10-2500 Balancing, air, subcontractor's quote including material and labor, air conditioning equipment, multi-zone A.C. and heating unit (Mechanical 18.0000)	Ea.	18.0000	\$600.00	\$10,800.00	RSM14FAC O&P
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Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

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

Item	Description	UM	Quantity	Unit Cost	Total	Book
147 23-05-93-10-2500	Balancing, air, subcontractor's quote including material and labor, air conditioning equipment, multi-zone A.C. and heating unit (Add Alternate #1 5.0000) Add alternate #1	Ea.	5.0000	\$600.00	\$3,000.00	RSM14FAC O&P P
148 23-31-13-13-0560	Rectangular metal ducts, fabricated rectangular, including approximately 25% fittings, joints, supports, allowance for flexible connections and field sketches, excluding "as-built dwgs." and insulation. Fabrication and installation are combined as labor cost, galvanized steel, 1,000 to 2,000 lb. (Mechanical 2,750.0000)	Lb.	2,750.0000	\$7.95	\$21,862.50	RSM14FAC M, L, O&P P
149 23-31-13-13-0560	Rectangular metal ducts, fabricated rectangular, including approximately 25% fittings, joints, supports, allowance for flexible connections and field sketches, excluding "as-built dwgs." and insulation. Fabrication and installation are combined as labor cost, galvanized steel, 1,000 to 2,000 lb. (Add Alternate #1 800.0000) Add alternate #1	Lb.	800.0000	\$7.95	\$6,360.00	RSM14FAC M, L, O&P P
150 23-37-13-10-0500	Diffusers, aluminum, opposed blade damper, ceiling, perforated, 24" x 24" lay in panel size, 6" x 6" (Mechanical 4.0000)	Ea.	4.0000	\$209.00	\$836.00	RSM14FAC M, L, O&P P
151 23-37-13-10-0500	Diffusers, aluminum, opposed blade damper, ceiling, perforated, 24" x 24" lay in panel size, 6" x 6" (Add Alternate #1 1.0000) Add alternate #1	Ea.	1.0000	\$209.00	\$209.00	RSM14FAC M, L, O&P P
152 23-37-13-10-0520	Diffusers, aluminum, opposed blade damper, ceiling, perforated, 24" x 24" lay in panel size, 8" x 8" (Mechanical 5.0000)	Ea.	5.0000	\$221.00	\$1,105.00	RSM14FAC M, L, O&P P
153 23-37-13-10-0520	Diffusers, aluminum, opposed blade damper, ceiling, perforated, 24" x 24" lay in panel size, 8" x 8" (Add Alternate #1 3.0000) Add alternate #1	Ea.	3.0000	\$221.00	\$663.00	RSM14FAC M, L, O&P P
154 23-37-13-10-0530	Diffusers, aluminum, opposed blade damper, ceiling, perforated, 24" x 24" lay in panel size, 9" x 9" (Mechanical 4.0000)	Ea.	4.0000	\$227.00	\$908.00	RSM14FAC M, L, O&P P
155 23-37-13-10-0530	Diffusers, aluminum, opposed blade damper, ceiling, perforated, 24" x 24" lay in panel size, 9" x 9" (Add Alternate #1 1.0000) Add alternate #1	Ea.	1.0000	\$227.00	\$227.00	RSM14FAC M, L, O&P P
156 23-37-13-10-0530-6000	Diffusers, for steel diffusers instead of aluminum, deduct (Modified using 23-37-13-10-6000) (Mechanical 6.0000)	Ea.	6.0000	\$-16.10	\$(96.60)	RSM14FAC M, O&P P
157 23-37-13-10-0530-6000	Diffusers, for steel diffusers instead of aluminum, deduct (Modified using 23-37-13-10-6000)	Ea.	2.0000	\$-16.10	\$(32.20)	RSM14FAC M, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

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

Item	Description	UM	Quantity	Unit Cost	Total	Book
	(Add Alternate #1 2.0000) Add alternate #1					
158 23-37-13-10-0620	Diffusers, aluminum, opposed blade damper, ceiling, perforated, 24" x 24" lay in panel size, 24" x 24" (Mechanical 10.0000)	Ea.	10.0000	\$340.00	\$3,400.00	RSM14FAC M, L, O&P P
159 23-37-13-10-0620	Diffusers, aluminum, opposed blade damper, ceiling, perforated, 24" x 24" lay in panel size, 24" x 24" (Add Alternate #1 2.0000) Add alternate #1	Ea.	2.0000	\$340.00	\$680.00	RSM14FAC M, L, O&P P

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

\$49,921.70

26 - Electrical

160 26-05-05-10-0100	Electrical demolition, conduit to 15' high, including fittings and hangers, rigid galvanized steel, 1/2" to 1" diameter (Electrical 500.0000)	L.F.	500.0000	\$2.73	\$1,365.00	RSM14FAC L, O&P P
161 26-05-05-10-0100	Electrical demolition, conduit to 15' high, including fittings and hangers, rigid galvanized steel, 1/2" to 1" diameter (Add Alternate #1 200.0000) Add alternate #1	L.F.	200.0000	\$2.73	\$546.00	RSM14FAC L, O&P P
162 26-05-05-10-0140	Electrical demolition, conduit to 15' high, including fittings and hangers, rigid galvanized steel, 2-1/2" to 3-1/2" (Electrical 50.0000)	L.F.	50.0000	\$4.37	\$218.50	RSM14FAC L, O&P P
163 26-05-05-10-0820	Electrical demolition, plug-in switches, 600 volt 3 phase, including disconnecting, wire and conduit terminations, 30 amp (Electrical 2.0000)	Ea.	2.0000	\$42.50	\$85.00	RSM14FAC L, O&P P
164 26-05-05-10-0820	Electrical demolition, plug-in switches, 600 volt 3 phase, including disconnecting, wire and conduit terminations, 30 amp (Add Alternate #1 2.0000) Add alternate #1	Ea.	2.0000	\$42.50	\$85.00	RSM14FAC L, O&P P
165 26-05-05-10-1230	Electrical demolition, panel boards, including removal of all breakers, conduit terminations and wire connections, 3 wire, 120/240 volt, 100 amps, to 20 circuits (Electrical 1.0000)	Ea.	1.0000	\$254.00	\$254.00	RSM14FAC L, O&P P
166 26-05-05-10-1230	Electrical demolition, panel boards, including removal of all breakers, conduit terminations and wire connections, 3 wire, 120/240 volt, 100 amps, to 20 circuits (Add Alternate #1 1.0000) Add alternate #1	Ea.	1.0000	\$254.00	\$254.00	RSM14FAC L, O&P P
167 26-05-19-35-0020	Cable terminations, wire connectors, screw type, #18 to #12 (Electrical 100.0000)	Ea.	100.0000	\$2.84	\$284.00	RSM14FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
168	26-05-19-35-0020 Cable terminations, wire connectors, screw type, #18 to #12 (Add Alternate #1 20.0000) Add alternate #1	Ea.	20.0000	\$2.84	\$56.80	RSM14FAC M, L, O&P
169	26-05-19-50-6400 Mineral insulated cable, terminations, 600 volt, 3 conductor, #12 (Electrical 8.0000)	Ea.	8.0000	\$143.00	\$1,144.00	RSM14FAC M, L, O&P
170	26-05-19-50-6400 Mineral insulated cable, terminations, 600 volt, 3 conductor, #12 (Add Alternate #1 8.0000) Add alternate #1	Ea.	8.0000	\$143.00	\$1,144.00	RSM14FAC M, L, O&P
171	26-05-19-90-0540 Wire, 600 volt, aluminum type THHN, stranded, #6 (Electrical 5.0000)	C.L.F.	5.0000	\$124.00	\$620.00	RSM14FAC M, L, O&P
172	26-05-19-90-0600 Wire, 600 volt, aluminum type THHN, stranded, #1 (Electrical 3.0000)	C.L.F.	3.0000	\$248.00	\$744.00	RSM14FAC M, L, O&P
173	26-05-19-90-0940 Wire, 600 volt, copper type THWN-THHN, solid, #12 (Electrical 35.0000)	C.L.F.	35.0000	\$75.00	\$2,625.00	RSM14FAC M, L, O&P
174	26-05-19-90-0940 Wire, 600 volt, copper type THWN-THHN, solid, #12 (Add Alternate #1 15.0000) Add alternate #1	C.L.F.	15.0000	\$75.00	\$1,125.00	RSM14FAC M, L, O&P
175	26-05-19-90-0960 Wire, 600 volt, copper type THWN-THHN, solid, #10 (Electrical 10.0000)	C.L.F.	10.0000	\$89.50	\$895.00	RSM14FAC M, L, O&P
176	26-05-19-90-0960 Wire, 600 volt, copper type THWN-THHN, solid, #10 (Add Alternate #1 7.8900) Add alternate #1	C.L.F.	7.8900	\$89.50	\$706.16	RSM14FAC M, L, O&P
177	26-05-29-20-0700 Hangers, conduit supports, strap with two holes, EMT, 1/2" diameter (Electrical 125.0000)	Ea.	125.0000	\$1.59	\$198.75	RSM14FAC M, L, O&P
178	26-05-29-20-0700 Hangers, conduit supports, strap with two holes, EMT, 1/2" diameter (Fire Alarm 250.0000)	Ea.	250.0000	\$1.59	\$397.50	RSM14FAC M, L, O&P
179	26-05-29-20-0700 Hangers, conduit supports, strap with two holes, EMT, 1/2" diameter (Add Alternate #1 75.0000) Add alternate #1	Ea.	75.0000	\$1.59	\$119.25	RSM14FAC M, L, O&P
180	26-05-29-20-0800 Hangers, conduit supports, strap with two holes, EMT, 3/4" diameter (Electrical 100.0000)	Ea.	100.0000	\$1.73	\$173.00	RSM14FAC M, L, O&P
181	26-05-29-20-0800 Hangers, conduit supports, strap with two holes, EMT, 3/4" diameter	Ea.	200.0000	\$1.73	\$346.00	RSM14FAC M, L, O&P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
	(Fire Alarm 200.0000)					
182 26-05-29-20-0800	Hangers, conduit supports, strap with two holes, EMT, 3/4" diameter (Add Alternate #1 25.0000) Add alternate #1	Ea.	25.0000	\$1.73	\$43.25	RSM14FAC M, L, O&P P
183 26-05-29-20-2150	Hangers, conduit supports, riser clamps, conduit, 1-1/2" diameter (Electrical 10.0000)	Ea.	10.0000	\$39.50	\$395.00	RSM14FAC M, L, O&P P
184 26-05-29-20-6800	Hangers, channels, strap, EMT, 1-1/2" diameter (Electrical 5.0000)	Ea.	5.0000	\$4.05	\$20.25	RSM14FAC M, L, O&P P
185 26-05-29-20-7950	Hangers, jay clamp, 1/2" diameter (Electrical 25.0000)	Ea.	25.0000	\$25.50	\$637.50	RSM14FAC M, L, O&P P
186 26-05-29-20-7950	Hangers, jay clamp, 1/2" diameter (Add Alternate #1 12.0000) Add alternate #1	Ea.	12.0000	\$25.50	\$306.00	RSM14FAC M, L, O&P P
187 26-05-29-20-7960	Hangers, jay clamp, 3/4" diameter (Electrical 30.0000)	Ea.	30.0000	\$25.50	\$765.00	RSM14FAC M, L, O&P P
188 26-05-29-20-7960	Hangers, jay clamp, 3/4" diameter (Add Alternate #1 10.0000) Add alternate #1	Ea.	10.0000	\$25.50	\$255.00	RSM14FAC M, L, O&P P
189 26-05-29-20-7990	Hangers, jay clamp, 1-1/2" diameter (Electrical 10.0000)	Ea.	10.0000	\$32.00	\$320.00	RSM14FAC M, L, O&P P
190 26-05-33-13-0300	Conduit, to 15' high, includes 2 terminations, 2 elbows, 11 beam clamps, and 11 couplings per 100 L.F., aluminum, 1/2" diameter (Electrical 2,500.0000)	L.F.	2,500.0000	\$8.60	\$21,500.00	RSM14FAC M, L, O&P P
191 26-05-33-13-0300	Conduit, to 15' high, includes 2 terminations, 2 elbows, 11 beam clamps, and 11 couplings per 100 L.F., aluminum, 1/2" diameter (Add Alternate #1 750.0000) Add alternate #1	L.F.	750.0000	\$8.60	\$6,450.00	RSM14FAC M, L, O&P P
192 26-05-33-13-0500	Conduit, to 15' high, includes 2 terminations, 2 elbows, 11 beam clamps, and 11 couplings per 100 L.F., aluminum, 3/4" diameter (Electrical 1,850.0000)	L.F.	1,850.0000	\$10.05	\$18,592.50	RSM14FAC M, L, O&P P
193 26-05-33-13-0500	Conduit, to 15' high, includes 2 terminations, 2 elbows, 11 beam clamps, and 11 couplings per 100 L.F., aluminum, 3/4" diameter (Add Alternate #1 425.0000) Add alternate #1	L.F.	425.0000	\$10.05	\$4,271.25	RSM14FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
194 26-05-33-13-1030	Conduit, to 15' high, includes 2 terminations, 2 elbows, 11 beam clamps, and 11 couplings per 100 L.F., aluminum, 1-1/2" diameter (Electrical 300.0000)	L.F.	300.0000	\$16.20	\$4,860.00	RSM14FAC M, L, O&P P
195 26-05-33-13-7000	Conduit, to 15' high, electric metallic tubing (EMT), EMT to conduit adapters, compression, 1/2" diameter (Electrical 40.0000)	Ea.	40.0000	\$13.55	\$542.00	RSM14FAC M, L, O&P P
196 26-05-33-13-7000	Conduit, to 15' high, electric metallic tubing (EMT), EMT to conduit adapters, compression, 1/2" diameter (Add Alternate #1 15.0000) Add alternate #1	Ea.	15.0000	\$13.55	\$203.25	RSM14FAC M, L, O&P P
197 26-05-33-13-7020	Conduit, to 15' high, electric metallic tubing (EMT), EMT to conduit adapters, compression, 3/4" diameter (Electrical 60.0000)	Ea.	60.0000	\$16.80	\$1,008.00	RSM14FAC M, L, O&P P
198 26-05-33-13-7020	Conduit, to 15' high, electric metallic tubing (EMT), EMT to conduit adapters, compression, 3/4" diameter (Add Alternate #1 10.0000) Add alternate #1	Ea.	10.0000	\$16.80	\$168.00	RSM14FAC M, L, O&P P
199 26-05-33-13-7080	Conduit, to 15' high, electric metallic tubing (EMT), EMT to conduit adapters, compression, 1-1/2" diameter (Electrical 10.0000)	Ea.	10.0000	\$42.50	\$425.00	RSM14FAC M, L, O&P P
200 26-05-33-13-8600	Conduit, to 15' high, electric metallic tubing (EMT), offset connectors, 1/2" diameter (Electrical 10.0000)	Ea.	10.0000	\$22.00	\$220.00	RSM14FAC M, L, O&P P
201 26-05-33-13-8600	Conduit, to 15' high, electric metallic tubing (EMT), offset connectors, 1/2" diameter (Add Alternate #1 5.0000) Add alternate #1	Ea.	5.0000	\$22.00	\$110.00	RSM14FAC M, L, O&P P
202 26-05-33-13-8610	Conduit, to 15' high, electric metallic tubing (EMT), offset connectors, 3/4" diameter (Electrical 10.0000)	Ea.	10.0000	\$28.50	\$285.00	RSM14FAC M, L, O&P P
203 26-05-33-13-8610	Conduit, to 15' high, electric metallic tubing (EMT), offset connectors, 3/4" diameter (Add Alternate #1 3.0000) Add alternate #1	Ea.	3.0000	\$28.50	\$85.50	RSM14FAC M, L, O&P P
204 26-05-33-13-8650	Conduit, to 15' high, electric metallic tubing (EMT), 90° pulling elbows, female, with gasket, 1/2" diameter (Electrical 25.0000)	Ea.	25.0000	\$35.00	\$875.00	RSM14FAC M, L, O&P P
205 26-05-33-13-8650	Conduit, to 15' high, electric metallic tubing (EMT), 90° pulling elbows, female, with gasket, 1/2" diameter (Add Alternate #1 10.0000)	Ea.	10.0000	\$35.00	\$350.00	RSM14FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
	Add alternate #1					
206 26-05-33-13-8660	Conduit, to 15' high, electric metallic tubing (EMT), 90° pulling elbows, female, with gasket, 3/4" diameter (Electrical 14.0000)	Ea.	14.0000	\$45.50	\$637.00	RSM14FAC M, L, O&P
207 26-05-33-13-8660	Conduit, to 15' high, electric metallic tubing (EMT), 90° pulling elbows, female, with gasket, 3/4" diameter (Add Alternate #1 5.0000) Add alternate #1	Ea.	5.0000	\$45.50	\$227.50	RSM14FAC M, L, O&P
208 26-05-33-13-8740	Conduit, to 15' high, electric metallic tubing (EMT), couplings, compression, steel, 1-1/2" diameter (Electrical 4.0000)	Ea.	4.0000	\$44.00	\$176.00	RSM14FAC M, L, O&P
209 26-05-33-16-0060	Outlet boxes, pressed steel, octagon, 4", covers, blank (Electrical 75.0000)	Ea.	75.0000	\$11.70	\$877.50	RSM14FAC M, L, O&P
210 26-05-33-16-0060	Outlet boxes, pressed steel, octagon, 4", covers, blank (Add Alternate #1 20.0000) Add alternate #1	Ea.	20.0000	\$11.70	\$234.00	RSM14FAC M, L, O&P
211 26-05-33-16-0100	Outlet boxes, pressed steel, octagon, 4", extension rings (Electrical 125.0000)	Ea.	125.0000	\$22.00	\$2,750.00	RSM14FAC M, L, O&P
212 26-05-33-16-0100	Outlet boxes, pressed steel, octagon, 4", extension rings (Add Alternate #1 20.0000) Add alternate #1	Ea.	20.0000	\$22.00	\$440.00	RSM14FAC M, L, O&P
213 26-05-33-16-0150	Outlet boxes, pressed steel, square, 4" (Electrical 150.0000)	Ea.	150.0000	\$35.50	\$5,325.00	RSM14FAC M, L, O&P
214 26-05-33-16-0150	Outlet boxes, pressed steel, square, 4" (Add Alternate #1 20.0000) Add alternate #1	Ea.	20.0000	\$35.50	\$710.00	RSM14FAC M, L, O&P
215 26-05-33-16-0550	Outlet boxes, pressed steel, handy box (Electrical 10.0000)	Ea.	10.0000	\$28.00	\$280.00	RSM14FAC M, L, O&P
216 26-05-33-16-0550	Outlet boxes, pressed steel, handy box (Add Alternate #1 3.0000) Add alternate #1	Ea.	3.0000	\$28.00	\$84.00	RSM14FAC M, L, O&P
217 26-05-33-16-1400	Outlet boxes, cast, 1 gang, FS, 2" deep, 1/2" hub (Electrical 10.0000)	Ea.	10.0000	\$75.00	\$750.00	RSM14FAC M, L, O&P
218 26-05-33-16-1400	Outlet boxes, cast, 1 gang, FS, 2" deep, 1/2" hub	Ea.	2.0000	\$75.00	\$150.00	RSM14FAC M, L, O&P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
	(Add Alternate #1 2.0000) Add alternate #1					
219 26-05-33-18-0220	Pull boxes, sheet metal, pull box, NEMA 1, type screw cover (SC), 12" width x 12" Ea. high x 4" deep (Electrical 1.0000)		1.0000	\$131.00	\$131.00	RSM14FAC M, L, O&P P
220 26-05-33-35-0100	Flexible metallic conduit, steel, 1/2" diameter (Electrical 125.0000)	L.F.	125.0000	\$3.93	\$491.25	RSM14FAC M, L, O&P P
221 26-05-33-35-0100	Flexible metallic conduit, steel, 1/2" diameter (Add Alternate #1 30.0000) Add alternate #1	L.F.	30.0000	\$3.93	\$117.90	RSM14FAC M, L, O&P P
222 26-05-33-35-0200	Flexible metallic conduit, steel, 3/4" diameter (Electrical 250.0000)	L.F.	250.0000	\$4.99	\$1,247.50	RSM14FAC M, L, O&P P
223 26-05-33-35-0200	Flexible metallic conduit, steel, 3/4" diameter (Add Alternate #1 25.0000) Add alternate #1	L.F.	25.0000	\$4.99	\$124.75	RSM14FAC M, L, O&P P
224 26-05-33-35-0430	Flexible metallic conduit, steel, connectors, plain, 1/2" diameter (Electrical 10.0000)	Ea.	10.0000	\$11.20	\$112.00	RSM14FAC M, L, O&P P
225 26-05-33-35-0430	Flexible metallic conduit, steel, connectors, plain, 1/2" diameter (Add Alternate #1 4.0000) Add alternate #1	Ea.	4.0000	\$11.20	\$44.80	RSM14FAC M, L, O&P P
226 26-05-33-35-0440	Flexible metallic conduit, steel, connectors, plain, 3/4" diameter (Electrical 15.0000)	Ea.	15.0000	\$12.80	\$192.00	RSM14FAC M, L, O&P P
227 26-05-33-35-0440	Flexible metallic conduit, steel, connectors, plain, 3/4" diameter (Add Alternate #1 8.0000) Add alternate #1	Ea.	8.0000	\$12.80	\$102.40	RSM14FAC M, L, O&P P
228 26-05-33-95-0110	Cutting and drilling, hole drilling to 10' high, concrete wall, 8" thick, 1/2" pipe size (Electrical 21.0000)	Ea.	21.0000	\$59.50	\$1,249.50	RSM14FAC M, L, E, O&P P
229 26-05-33-95-0110	Cutting and drilling, hole drilling to 10' high, concrete wall, 8" thick, 1/2" pipe size (Add Alternate #1 5.0000) Add alternate #1	Ea.	5.0000	\$59.50	\$297.50	RSM14FAC M, L, E, O&P P
230 26-05-33-95-0120	Cutting and drilling, hole drilling to 10' high, concrete wall, 8" thick, 3/4" pipe size (Electrical 15.0000)	Ea.	15.0000	\$59.50	\$892.50	RSM14FAC M, L, E, O&P P
231 26-05-33-95-0120	Cutting and drilling, hole drilling to 10' high, concrete wall, 8" thick, 3/4" pipe size	Ea.	3.0000	\$59.50	\$178.50	RSM14FAC M, L, E, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
	(Add Alternate #1 3.0000) Add alternate #1					
232 26-24-16-10-0900	Load centers, residential type, 3 wire, 120/240 volt, 1 phase, including 1 pole plug Ea. in breakers, 200 amp main lugs, indoor, 30 circuits (Electrical 1.0000)		1.0000	\$1,600.00	\$1,600.00	RSM14FAC M, L, O&P P
233 26-27-26-20-0500	Wiring devices elements, toggle switch, quiet type, 1 pole, 20 amp (Electrical 10.0000)	Ea.	10.0000	\$34.00	\$340.00	RSM14FAC M, L, O&P P
234 26-27-26-20-0500	Wiring devices elements, toggle switch, quiet type, 1 pole, 20 amp (Add Alternate #1 2.0000) Add alternate #1	Ea.	2.0000	\$34.00	\$68.00	RSM14FAC M, L, O&P P
235 26-27-26-20-0800	Wiring devices elements, toggle switch, 3 way, 20 amp (Electrical 2.0000)	Ea.	2.0000	\$45.50	\$91.00	RSM14FAC M, L, O&P P
236 26-27-26-20-0800	Wiring devices elements, toggle switch, 3 way, 20 amp (Add Alternate #1 1.0000) Add alternate #1	Ea.	1.0000	\$45.50	\$45.50	RSM14FAC M, L, O&P P
237 26-27-26-20-2470	Wiring devices elements, receptacle, duplex, 120 volt, grounded, 20 amp (Electrical 50.0000)	Ea.	50.0000	\$33.50	\$1,675.00	RSM14FAC M, L, O&P P
238 26-27-26-20-3110	Wiring devices elements, wall plates, brown plastic, 1 gang (Electrical 100.0000)	Ea.	100.0000	\$8.65	\$865.00	RSM14FAC M, L, O&P P
239 26-27-26-20-3110	Wiring devices elements, wall plates, brown plastic, 1 gang (Add Alternate #1 8.0000) Add alternate #1	Ea.	8.0000	\$8.65	\$69.20	RSM14FAC M, L, O&P P
240 26-51-13-10-0460	Fixture hangers, box hanger, flexible, 1/2" diameter, 18" long (Electrical 20.0000)	Ea.	20.0000	\$79.00	\$1,580.00	RSM14FAC M, L, O&P P
241 26-51-13-10-0460	Fixture hangers, box hanger, flexible, 1/2" diameter, 18" long (Add Alternate #1 5.0000) Add alternate #1	Ea.	5.0000	\$79.00	\$395.00	RSM14FAC M, L, O&P P
242 26-51-13-10-0600	Fixture hangers, box hanger, flexible, 3/4" diameter, 18" long (Electrical 25.0000)	Ea.	25.0000	\$96.50	\$2,412.50	RSM14FAC M, L, O&P P
243 26-51-13-10-0600	Fixture hangers, box hanger, flexible, 3/4" diameter, 18" long (Add Alternate #1 10.0000) Add alternate #1	Ea.	10.0000	\$96.50	\$965.00	RSM14FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
244 26-51-13-40-1040	Interior HID fixtures, including lamps, and mounting hardware, high pressure sodium, pendent, round, 70 watt (Electrical 36.0000)	Ea.	36.0000	\$915.00	\$32,940.00	RSM14FAC M, L, O&P
245 26-51-13-40-1040	Interior HID fixtures, including lamps, and mounting hardware, high pressure sodium, pendent, round, 70 watt (Add Alternate #1 30.0000) Add alternate #1	Ea.	30.0000	\$915.00	\$27,450.00	RSM14FAC M, L, O&P
246 26-51-13-50-0960	Interior lighting fixtures, including lamps, mounting hardware and connections, fluorescent, cool white lamps, troffer, recess mounted in grid, rapid start, acrylic lens, 2' wide x 4' long, four 32 watt T8 (Electrical 20.0000)	Ea.	20.0000	\$212.00	\$4,240.00	RSM14FAC Grn, M, L, O&P
247 26-51-13-50-0960	Interior lighting fixtures, including lamps, mounting hardware and connections, fluorescent, cool white lamps, troffer, recess mounted in grid, rapid start, acrylic lens, 2' wide x 4' long, four 32 watt T8 (Add Alternate #1 10.0000) Add alternate #1	Ea.	10.0000	\$212.00	\$2,120.00	RSM14FAC Grn, M, L, O&P
248 26-51-13-50-5530	Interior lighting fixtures, including lamps, mounting hardware and connections, incandescent, pendent, round, 300 watt (Electrical 20.0000)	Ea.	20.0000	\$285.00	\$5,700.00	RSM14FAC M, L, O&P
249 26-51-13-50-5530	Interior lighting fixtures, including lamps, mounting hardware and connections, incandescent, pendent, round, 300 watt (Add Alternate #1 12.0000) Add alternate #1	Ea.	12.0000	\$285.00	\$3,420.00	RSM14FAC M, L, O&P

26 - Electrical Total

\$179,872.26

27 - Communications

250 27-15-10-23-1350	Sound and video cables and fittings, sound, nonshielded, #22-4 conductor (IT & Data 50.0000)	C.L.F.	50.0000	\$114.00	\$5,700.00	RSM14FAC M, L, O&P
251 27-15-13-13-7400	Communication cables, high performance unshielded twisted pair (UTP), voice and data expansion module, category 5e (IT & Data 110.0000)	Ea.	110.0000	\$133.00	\$14,630.00	RSM14FAC M, L, O&P
252 27-15-43-13-0120	Communication outlets, excluding voice or data devices, voice or data outlets, single opening (IT & Data 110.0000)	Ea.	110.0000	\$22.50	\$2,475.00	RSM14FAC M, L, O&P
253 27-15-43-13-1060	Communication outlets, excluding voice or data devices, voice or data wall plate plastic, 1 gang, 4-port (IT & Data 110.0000)	Ea.	110.0000	\$11.40	\$1,254.00	RSM14FAC M, L, O&P
254 27-21-23-10-1100	Switching and routing equipment, network hub, dual speed, 24 ports, includes cabinet	Ea.	1.0400	\$4,875.00	\$5,070.00	RSM14FAC M, L, O&P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

27 - Communications

Item	Description	UM	Quantity	Unit Cost	Total	Book
	(IT & Data 1.0400)					
27 - Communications Total						\$29,129.00

28 - Electronic Safety and Security

255	28-05-13-23-1650	Fire alarm communications conductors and cables, fire alarm FEP teflon 150 volt C.L.F. to 200°C, #22, 4 pair (Fire Alarm 10.0000)	C.L.F.	10.0000	\$269.00	\$2,690.00	RSM14FAC M, L, O&P	P
256	28-31-23-50-3600	Alarm panels and devices, excluding wires and conduit, fire, alarm control panel, 4 zone (Fire Alarm 1.0000)	Ea.	1.0000	\$1,100.00	\$1,100.00	RSM14FAC M, L, O&P	P
257	28-31-23-50-4200	Alarm panels and devices, excluding wires and conduit, fire, battery and rack (Fire Alarm 1.0000)	Ea.	1.0000	\$615.00	\$615.00	RSM14FAC M, L, O&P	P
258	28-31-23-50-5600	Alarm panels and devices, excluding wires and conduit, fire, strobe and horn (Fire Alarm 3.0000)	Ea.	3.0000	\$291.00	\$873.00	RSM14FAC M, L, O&P	P
259	28-31-46-50-5420	Smoke detectors, excluding wires and conduit, smoke detector, duct type, addressable type (Fire Alarm 2.0000)	Ea.	2.0000	\$760.00	\$1,520.00	RSM14FAC M, L, O&P	P
28 - Electronic Safety and Security Total						\$6,798.00		

Trades

260	CLAB	Common Building Laborers - 2013 RSMeans Facilities Bare Rate (Add Alternate #1 150.0000) Demo Add alternate #1	Hour	150.0000	\$35.45	\$5,317.50	Trades L, B	P
261	ELEC	Electricians - 2013 RSMeans Facilities Bare Rate (Fire Alarm 328.2600) For demo and retro fit of FA systems	Hour	328.2600	\$52.40	\$17,200.82	Trades L, B	P
262	PLUM	Plumbers - 2013 RSMeans Facilities Bare Rate (Add Alternate #1 250.0000) Add alternate #1	Hour	250.0000	\$55.80	\$13,950.00	Trades L, B	P
263	SHEE	Sheet Metal Workers - 2013 RSMeans Facilities Bare Rate (Mechanical 12.0000) For demo of existing	Hour	12.0000	\$53.30	\$639.60	Trades L, B	P
264	SHEE	Sheet Metal Workers - 2013 RSMeans Facilities Bare Rate (Add Alternate #1 5.9910) Add alternate #1	Hour	5.9910	\$53.30	\$319.32	Trades L, B	P

Preliminary Estimate, by line item

Estimator: Cy Jary

Combined estimates...

Trades								
Item	Description	UM	Quantity	Unit Cost	Total	Book		
265 SKWK	Skilled Workers Average (35 trades) - 2013 RSMeans Facilities Bare Rate (Demolition 610.5500) Demolition per plans	Hour	610.5500	\$46.20	\$28,207.41	Trades L, B	P	
Trades Total								\$65,634.65
Estimate Grand Total								663,544.17