



Date: August 25, 2016

Roger Carrillo
Architect/ JOC Manager
Municipal Plaza Building
114 Commerce, 4th Floor
San Antonio, Texas 78205

Re: **COSA – Hail Damage to Multiple Facilities**

Owner:	City of San Antonio
Owner's Representative:	Roger Carrillo
Contractor:	Alpha Building Corporation
RFP No.:	160817-01

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 if attached.

- 1) All work shall be performed in accordance with the Request for Proposal No. **160817-01**.
- 2) Furnish materials, equipment, labor, and supervision as required to complete the hail damaged areas at multiple facilities as per scope of work provided.
 - a. Roofing Systems and Skylight.
 - b. HVAC Cooling System Equipment.
 - c. Vent Caps and Exhaust Fan Hoods.
- 3) The current wage decision is included.
- 4) No other job related requirements are acknowledged or included in this offer.

Assumptions & Clarifications:

1. Full access to the work space.
2. No handling or disposal of hazardous materials.
3. Work to be performed during standard working hours Monday through Friday.
4. We exclude evenings, weekends and holidays.
5. We exclude all unforeseen conditions.

Cody Library	\$201,166.32
Tobin Library	\$122,761.59
Fire House #5	\$47,973.08
Fire House #10	\$23,384.75
Fire House #17	\$881.24
Fire House #19	\$952.93
Fire House #23	\$773.70
Fire House #24	\$1,976.21
Fire House #27	\$1,632.80
Fire House #28	\$2,170.49
Fire House #30	\$773.70
Fire House #31	\$3,245.84
Fire House #32	\$1,310.20
Fire House #34	\$1,363.97
Fire House #38	\$5,846.20
Fire House #39	\$1,256.44
Fire House #41	\$7,585.73
Fire House #42	\$12,232.67
Bob Ross CC	\$22,268.93
ITDS	\$8,932.80
Municipal Records	\$40,075.44
Subtotal	\$508,565.03
Bond	<u>\$ 8,585.65</u>
Contract Amount:	\$517,150.68

Sincerely,

Mike Durish

Mike Durish, Project Manager
Alpha Building Corporation

Attached: Scope of work & RS Means Estimate

Scope of Work:

Cody Library-11441 Vance Jackson Rd. (Roof Area 1)

1. Tear of mechanically attached single ply roofing
2. Tear off ½" fan fold recover board
3. Tear off existing built up with gravel roofing
4. Tear off 1/2:" perlite
5. Tear off 1 ½" poly iso insulation
6. Loose lay new 1 ½" poly insulation
7. Install new mechanically fastened ½" HD iso recover board
8. Install new crickets and tapered perlite edge stripping
9. Tapered crickets using a 3:1 ratio
10. Install new mechanically fastened 50 mil PVC
11. Install new 18" 50 mil PVC base flashing
12. Install new termination bar
13. Install new 18" 50 mil PVC curb flashing
14. Install new 24 gauge Kynar 8" A/C counter flashing
15. Install new PVC coated metal scuppers
16. Flash Penetrations, pitch pans, and misc. flashing
17. Install pipe supports for A/C conduit lines
18. Install new 4"x6" runners with pads
19. Install PVC walk pads
20. Install new skylights 32"x102"
21. Remove and reset conductor heads and downspouts
22. Licensed mechanical contractor to remove and reset mechanical equipment

Cody Library-11441 Vance Jackson Rd. (Roof Area 2)

1. Tear off mechanically fastened single ply, fan fold and existing BUR
2. Install new mechanically fastened ½" HD ISO recover board
3. Install new crickets and tapered perlite edge stripping
4. Install new crickets using a 3:1 ratio
5. Install new mechanically fastened 50 mil PVC
6. Install new 18" PVC 50 mil base flashing
7. Install new termination bar
8. Install new 24 gauge Kynar 8" surface mounted counter flashing
9. Install new 8" clad metal edge flashing
10. Install new PVC coated metal scuppers
11. Install new skylights 28"x40"
12. Remove and reset conductor heads and downspouts

Tobin Library- 4143 Harry Wurzbach (Roof Area 6/12)

1. Tear off existing standing seam roof
2. Install #30 felt and red rosin underlayment
3. Install new 24 gauge Kynar double locked standing seam panel
4. Install new 24 gauge Kynar ridge flashing
5. Install new 24 gauge Kynar hip flashing
6. Install new 24 gauge Kynar valley flashing
7. Install new 24 gauge Kynar DL eave flashing

Tobin Library- 4143 Harry Wurzbach (Roof Area 22/12)

1. Tear off existing standing seam roof
2. Install #30 felt and red rosin underlayment
3. Install new 16 oz copper double locked standing seam panel
4. Install new 16 oz ridge flashing
5. Install new 16 oz hip flashing
6. Install new 16 oz DL eave flashing
7. Install new 16 oz metal base flashing-sloped

Firehouse #5- 1011 Manson Street

1. Tear off composition shingles 6/12
2. Install new OC pro-armour underlayment
3. Install new dimensional OC TrueDef Oakridge shingles
4. Install new 24 gauge Kynat eave strip
5. Install new eave starter shingles
6. Install new wall flashing
7. Reuse existing counter flashing
8. Install new 24 gauge galvanized 8" surface mounted counter flashing
9. Install new 24 gauge Kynar ridge cap
10. Install new 5 course base flashing at existing location on shingle roof
11. Remove and install three (3) gas vents
12. Remove and install new five (5) HVAC coils

Firehouse #10- 1107 Culebra

1. Remove and install new one (1) gas vent
2. Remove and install new three (3) exhaust vent covers
3. Remove and install new two (2) HVAC coils
4. **Remove and install new HVAC 5 ton RTU; replacement coil is obsolete per supplier**

Firehouse #17- 8545 Jones Maltzberger

1. Remove and install new one (1) gas vent

Firehouse #19- 2307 Vance Jackson

1. Remove and install new four (4) gas vents

Firehouse #23- 1750 Skyplace Blvd

1. Remove and install new two (2) gas vents

Firehouse #24- 1940 Austin Hwy

1. Remove and install new four (4) gas vents
2. Remove and install new one (1) exhaust fan cover

Firehouse #27- 1538 Hillcrest Dr

1. Remove and install new six(6) gas vents

Firehouse #28- 15 Burwood Lane

1. Remove and install new twelve (12) gas vents

Firehouse #30- 919 Gembler Rd

1. Remove and install new three (3) gas vents

Firehouse #31- 11802 West Ave

1. Remove and install new four (4) gas vents

Firehouse #32- 2219 Babcock Rd

1. Remove and install new four (4) gas vents

Firehouse #34- 15300 Babcock Rd

1. Remove and install new five (5) gas vents

Firehouse #38- 6000 Distribution Dr

1. Remove and install new one (1) 22"x48" skylight
2. Remove and install new three (3) 40"x60" skylights
3. Remove and install new three (3) gas vents

Firehouse #39- 10750 Nacogdoches Rd

1. Remove and install new three (3) gas vents

Firehouse #41- 9146 Dover Ridge

1. Exhaust fan covers are unavailable per the supplier
2. Comb coil fins of two (2) HVAC units
3. Remove and install new one (1) HVAC coil

Firehouse #42- 10400 Horn Blvd

1. Remove and install new five (5) gas vents
2. Remove and install new two (2) HVAC coils

Bob Ross Community Center- 2219 Babcock Rd

1. Remove existing fiberglass roofing panels
2. Install new sixtenn (16) squares of fiberglass roofing panels
3. Install new ridge cap
4. Install new foam enclosures
5. Comb cooling fins of three (3) HVAC units

ITDS- 515 Frio

1. Remove and install new one (1) HVAC coil

Municipal Records- 719 S Santa Rosa

1. Comb cooling fins on five (5) HVAC Units
2. Remove and install new five (5) HVAC coils



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish

(01) Cody Library

Division Summary (MF04)

01 - General Requirements	\$62,501.79
02 - Existing Conditions	\$31,650.00
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	\$125,519.71
08 - Openings	\$9,100.00
09 - Finishes	
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	\$1,130.00
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	
Totalling Components	
RS Means Subtotal	\$354,066.32
RSMans SAN ANTONIO, TX CCI 2016Q2, 84.80%	\$153,818.08

26 - Electrical	
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	
32 - Exterior Improvements	
33 - Utilities	
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	\$21,800.00
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	
Alternate	\$102,364.82
Trades	
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$354,066.32

JOC Coefficient Standard (-33.0000%) \$199,081.92

Priced/Non-Priced

Total Priced Items:	51	\$354,066.32	0.00%
Total Non-Priced Items:	0	\$0.00	
	51	\$354,066.32	

Grand Total \$201,166.32

Estimator: Mike Durish

(01) Cody Library

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-21-53-50-2300-L Factors, cost adjustments, add to construction costs for particular job requirements, temporary shoring and bracing, add, minimum Line item used to provide safety barrier on roof Cody Roof	Costs	216,959.0000	5.0000%	\$10,847.95	RSM16eFAC L, O&P
2	01-21-53-50-2300-M Factors, cost adjustments, add to construction costs for particular job requirements, temporary shoring and bracing, add, minimum Line item used to provide safety barrier on roof Cody Library	Costs	72,107.0000	2.0000%	\$1,442.14	RSM16eFAC M, O&P
3	01-31-13-20-0020 Field personnel, clerk, average Cody Library	Week	1.0000	\$745.00	\$745.00	RSM16eFAC L, O&P
4	01-31-13-20-0200 Field personnel, project manager, average Cody Library	Week	1.0000	\$3,775.00	\$3,775.00	RSM16eFAC L, O&P
5	01-31-13-20-0280 Field personnel, superintendent, maximum Cody Library	Week	4.0000	\$4,000.00	\$16,000.00	RSM16eFAC L, O&P
6	01-54-33-40-2050-4 Rent per month for general equipment rental, without operators, forklift, for rough terrain, 42' lift, 35' reach, 9000 lbs., 110 H.P. Cody's Library Forklift for 1 month	Ea.	1.0000	\$4,922.50	\$4,922.50	RSM16eFAC E, O&P
7	01-54-36-50-1300 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, equipment hauled on towed trailer, 3-ton capacity Mobilize and Demobilize Cody Library	Ea.	4.0000	\$310.00	\$1,240.00	RSM16eFAC L, E, O&P
8	01-74-13-20-0040 Cleaning up, after job completion, allow, maximum FinalClean Cody Library	Job	200,000.0000	1.0000%	\$2,000.00	RSM16eFAC O&P
9	01-74-13-20-0052 Cleaning up, cleanup of floor area, continuous, per day, during construction Daily Clean Up Tobin Library 13980*.04*\$/10 = 279.60	M.S.F.	279.6000	\$77.00	\$21,529.20	RSM16eFAC M, L, E, O&P
01 - General Requirements Total					\$62,501.79	

02 - Existing Conditions

10 02-41-19-19-0840
Selective demolition, rubbish handling, the following are to be added to the demolition prices: Dumpster, weekly rental, includes one dump per week, 40 C.Y. capacity, 10 tons
Dumpsters for Cody Library
15 dumpsters

Week 15.0000 \$850.00 \$12,750.00 RSM16eFAC
M, O&P P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(01) Cody Library

02 - Existing Conditions

Item	Description	UM	Quantity	Unit Cost	Total	Book
11	02-41-19-19-3000 Selective demolition, rubbish handling, the following are to be added to the demolition prices. Loading and trucking, including 2 mile haul, chute loaded Cody Library 15*20 = 300.00	C.Y.	300.0000	\$63.00	\$18,900.00	RSM16eFAC L, E, O&P
02 - Existing Conditions Total						\$31,650.00

07 - Thermal and Moisture Protection

12	07-05-05-10-2520 Selective demolition, thermal and moisture protection, roof insulation board, up to S.F., 2" thick Nearest line item for 1/2" recovery board Roof Area 1 Cody Library 5581.8 = 5,581.80	S.F.	5,581.8000	\$0.64	\$3,572.35	RSM16eFAC L, O&P
13	07-05-05-10-2520 Selective demolition, thermal and moisture protection, roof insulation board, up to S.F., 2" thick nearest line item for 1" of Perlite Roof Area 1 Cody Library 5581.8 = 5,581.80	S.F.	5,581.8000	\$0.64	\$3,572.35	RSM16eFAC L, O&P
14	07-05-05-10-2520 Selective demolition, thermal and moisture protection, roof insulation board, up to S.F., 2" thick Nearest line item for 1-1/2" Insulation Roof Area 1 Cody Library 5581.8 = 5,581.80	S.F.	5,581.8000	\$0.64	\$3,572.35	RSM16eFAC L, O&P
15	07-05-05-10-3720 Selective demolition, thermal and moisture protection, roofing, built-up, no gravel, S.F., 5 ply, with gravel Demo existing BUR Roof Area 2, 3 & 4 Cody Library 8398.31 = 8,398.31	S.F.	8,398.3100	\$2.81	\$23,599.25	RSM16eFAC L, O&P
16	07-05-05-10-3720 Selective demolition, thermal and moisture protection, roofing, built-up, no gravel, S.F., 5 ply, with gravel Demo existing BUR Roof Area 1 Cody Library 5581.8 = 5,581.80	S.F.	5,581.8000	\$2.81	\$15,684.86	RSM16eFAC L, O&P
17	07-05-05-10-4420 Selective demolition, thermal and moisture protection, roofing, single ply membrane, fully adhered Demo existing single ply Roof Area 1 Cody Library	Sq.	55.8180	\$64.00	\$3,572.35	RSM16eFAC L, O&P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(01) Cody Library

07 - Thermal and Moisture Protection

Item	Description	UM	Quantity	Unit Cost	Total	Book
5581.80/100 = 55.82						
18	07-05-05-10-4420 Selective demolition, thermal and moisture protection, roofing, single ply membrane, fully adhered Demo existing single ply Roof Area 2,3 & 4 Cody Library 8398.31/100 = 83.98	Sq.	83.9831	\$64.00	\$5,374.92	RSMTeFAC L, O&P P
19	07-22-16-10-1690 Roof deck insulation, excluding fastening, perlite, tapered for drainage Nearest Line item for for crickets Roof Area 1 Cody Library 445.56*1=445.56 4*1296.95=5187.80 445.56+5187.80*5 445.56+5187.80*.5 = 3,039.46	B.F.	3,039.4600	\$1.74	\$5,288.66	RSMTeFAC Grn, M, L, O&P P
20	07-22-16-10-1690 Roof deck insulation, excluding fastening, perlite, tapered for drainage Nearest Line item for for crickets Roof Area 2,3 & 4 Cody Library 1857.50*.5 = 928.75	B.F.	928.7500	\$1.74	\$1,616.03	RSMTeFAC Grn, M, L, O&P P
21	07-22-16-10-1700 Roof deck insulation, excluding fastening, polyisocyanurate, 2 lbs per C.F. density, 3/4" thick Nearest line item for 1/2" HD ISO Roof Area 1 Cody Library	S.F.	5,581.8000	\$0.82	\$4,577.08	RSMTeFAC Grn, M, L, O&P P
22	07-22-16-10-1700 Roof deck insulation, excluding fastening, polyisocyanurate, 2 lbs per C.F. density, 3/4" thick Nearest line item for 1/2" HD ISO Roof Area 2,3 & 4 Cody Library	S.F.	8,392.7600	\$0.82	\$6,882.06	RSMTeFAC Grn, M, L, O&P P
23	07-22-16-10-1715 Roof deck insulation, excluding fastening, polyisocyanurate, 2 lbs per C.F. density, 1-1/2" thick Loose lay 1.5" x 4'x 8' Roof Area 1 Cody Library	S.F.	5,581.8000	\$1.07	\$5,972.53	RSMTeFAC Grn, M, L, O&P P
24	07-22-16-10-3020 Roof deck insulation, fastening alternatives, coated screws, 6" long Fasteners for the 1/2" HD ISO Roof Area 1	Ea.	2,093.1750	\$0.43	\$900.07	RSMTeFAC M, L, O&P P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(01) Cody Library

07 - Thermal and Moisture Protection

Item	Description	UM	Quantity	Unit Cost	Total	Book
25	07-22-16-10-3020 Cody Library 5581.8/32*12 = 2,093.18 Roof deck insulation, fastening alternatives, coated screws, 6" long Fasteners for the 1/2" HD ISO Roof Area 2,3 & 4 Cody Library 8392.76/32*12 = 3,147.29	Ea.	3,147.2850	\$0.43	\$1,353.33	RSMteFAC M, L, O&P
26	07-51-13-50-0620 Walkways for built-up roofs, 100% recycled rubber, 3' x 4' x 3/4" Nearest Line item for Carlisle PVC Walkway Roof Area 1 Cody Library	L.F.	180.0000	\$10.75	\$1,935.00	RSMteFAC Gr, M, L, O&P
27	07-54-19-10-8800 Polyvinyl-chloride roofing (PVC), heat welded seams, reinforced, 48 mils, 0.33 psf, partially adhered with mechanical fasteners Nearest line item for 50 mil PVC Roof Area 1 Cody Library 5581.8 = 5,581.80 [5581.8 SF = 55,818 Sq. Conversion]	Sq.	55.8180	\$208.00	\$11,610.14	RSMteFAC M, L, E, O&P
28	07-54-19-10-8800 Polyvinyl-chloride roofing (PVC), heat welded seams, reinforced, 48 mils, 0.33 psf, partially adhered with mechanical fasteners Nearest line item for 50 mil PVC Roof Area 2,3 & 4 Cody Library 8398.31 = 8,398.31 [8398.31 SF = 83,9831 Sq. Conversion]	Sq.	83.9831	\$208.00	\$17,468.48	RSMteFAC M, L, E, O&P
29	07-62-10-10-0800 Sheet metal cladding, aluminum, up to 6 bends, .024" thick, window sill Nearest line item for 24 GA Kynar flashing Roof Area 1 Cody Library	L.F.	190.0000	\$10.40	\$1,976.00	RSMteFAC M, L, O&P
30	07-62-10-10-0800 Sheet metal cladding, aluminum, up to 6 bends, .024" thick, window sill Nearest line item for 24 GA Kynar flashing Roof Area 2,3 & 4 Cody Library	L.F.	187.1100	\$10.40	\$1,945.94	RSMteFAC M, L, O&P
31	07-65-19-10-7700 Plastic sheet flashing and counter flashing, polyvinyl chloride, black, 60 mil 18" Base Flashing 504.13lf 18" Curb Flashing 190.0lf Roof Area 1 Cody Library 504.13+190*1.50 = 789.13	S.F.	789.1300	\$3.01	\$2,375.28	RSMteFAC M, L, O&P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(01) Cody Library

07 - Thermal and Moisture Protection

Item	Description	UM	Quantity	Unit Cost	Total	Book
32	07-65-19-10-7700 Plastic sheet flashing and counter flashing, polyvinyl chloride, black, 60 mil 18" Base Flashing 478.52lf	S.F.	717.7800	\$3.01	\$2,160.52	RSM ^{res} FAC M, L, O&P
	Roof Area 2,3 & 4 Cody Library 478.52*1.50 = 717.78					
33	07-65-23-10-4840 Rubber sheet flashing and counterflashing, EPDM 90 mils, 4" diameter pipe flashing Pipe Flashing Roof Area 1 Cody Library	Ea.	5.0000	\$51.00	\$255.00	RSM ^{res} FAC M, L, O&P
34	07-72-73-10-0100 Pitch pockets, variable sizes, adjustable, 4" to 7", welded corners, 4" deep Nearest Line Item for 12"x12" Pitch Pans, 12"x24" Pitch Pans and 68.8" Pre-Molded Pockets Roof Area 1 Cody Library	Ea.	6.0000	\$30.50	\$183.00	RSM ^{res} FAC M, L, O&P
35	07-91-23-10-0092 Backer rods, backer rod, polyethylene, 1" diameter Backer Rod Roof Area 1 Cody Library	L.F.	50.1100	\$1.44	\$72.16	RSM ^{res} FAC M, L, O&P
07 - Thermal and Moisture Protection Total						\$125,519.71
08 - Openings						
36	08-63-13-20-1060 Skylight rigid metal-framed, skylight framing is aluminum, fixed tempered glass, curb mount, 25-1/2" x 49-1/2" Nearest line item used for 32"x102" skylight. Quantity figure for sf comparison	Ea.	6.0000	\$650.00	\$3,900.00	RSM ^{res} FAC M, L, O&P
	Roof Area 1 Cody Library					
37	08-63-13-20-1060 Skylight rigid metal-framed, skylight framing is aluminum, fixed tempered glass, curb mount, 25-1/2" x 49-1/2" Nearest line item used for 24"x 40" skylight. Quantity figure for sf comparison	Ea.	8.0000	\$650.00	\$5,200.00	RSM ^{res} FAC M, L, O&P
	Roof Area 2,3 & 4 Cody Library					
08 - Openings Total						\$9,100.00

22 - Plumbing

Estimator: Mike Durish

(01) Cody Library

22 - Plumbing

Item	Description	UM	Quantity	Unit Cost	Total	Book
38	22-05-29-10-3330 Hangers and supports for plumb/g/HVAC pipe/equip., saddles, excluding vertical pipe riser, usually 3" diameter, pipe support, complete, adjustable, cast iron saddle, type 36, 3" pipe size	Ea.	10.0000	\$113.00	\$1,130.00	RSM136FAC M, L, O&P
	Pipe Supports					
	Roof Area 1					
	Cody Library					
22 - Plumbing Total						\$1,130.00

41 - Material Processing and Handling Equipment

39	41-22-23-10-3140 Material handling, hoists, air powered hoist, 4000 lbs. capacity	Ea.	2.0000	\$10,900.00	\$21,800.00	RSM136FAC M, L, O&P
	Crane used to lift equipment and set back in place.					
	Multiple tips					
	Cody Library					
41 - Material Processing and Handling Equipment Total						\$21,800.00

Alternate

40	07-62-10-10-0800 Demo - Sheet metal cladding, aluminum, up to 6 bends, .024" thick, window sill	L.F.	187.1100	\$8.80	\$1,646.57	CUSTOM L, O&P
	Nearest line item for demo of existing flashing					
	Roof Area 2, 3 & 4					
	Cody Library					

41	07-62-10-10-0800 Demo - Sheet metal cladding, aluminum, up to 6 bends, .024" thick, window sill	L.F.	190.0000	\$8.80	\$1,672.00	CUSTOM L, O&P
	Nearest line item to demo existing flashing					
	Roof Area 1					
	Cody Library					

42	07-65-23-10-4840 Demo - Rubber sheet flashing and counterflashing, EPDM 90 mils, 4" diameter	Ea.	5.0000	\$24.60	\$123.00	CUSTOM L, O&P
	pipe flashing					
	Demo existing Pipe Flashing					
	Roof Area 1					
	Cody Library					

43	07-72-73-10-0100 Demo - Pitch pockets, variable sizes, adjustable, 4" to 7", welded corners, 4" deep	Ea.	6.0000	\$12.40	\$74.40	CUSTOM L, O&P
	Nearest Line Item to demo existing 12"x12" Pitch Pans, 12"x24" Pitch Pans and 6x8" Pre-Molded Pockets					
	Roof Area 1					
	Cody Library					

44	08-63-13-20-1060 Demo - Skylight rigid metal-framed, skylight framing is aluminum, fixed tempered glass, curb mount, 25-1/2" x 49-1/2"	Ea.	8.0000	\$405.80	\$3,246.40	CUSTOM L, O&P
	Nearest line item used for 24" x 40" skylight.					
	Quantity figure for sf comparison					

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(01) Cody Library

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
45	08-63-13-20-1060 Roof Area 2,3 & 4 Cody Library					
	Demo - Skylight rigid metal-framed, skylight framing is aluminum, fixed tempered Ea. glass, curb mount, 25-1/2" x 49-1/2" Nearest line item used for 32"x102" skylight. Quantity figure for sf comparison		6.0000	\$405.80	\$2,434.80	CUSTOM L, O&P
46	26-05-33-25-5460 R&R - Conduit fittings for rigid galvanized steel, standard, service entrance cap, 4" diameter Remove and Reset Conductor Heads Cody Library	Ea.	15.0000	\$376.95	\$5,654.25	CUSTOM L, O&P
47	Crew G-05 G-05 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Labor Hours: 40 Equip Hours: 8 Daily Hours: 40 ADDITIONAL LABOR FOR ROOFING INSTALL	Daily	10.0000	\$2,952.14	\$29,521.40	CUSTOM L, E, O&P
	Crew Details: Code: ROFC Description: Roofers, Composition Qty: 2 Hourly: 75.25 Daily: 1204 Code: ROFC Description: Roofers, Composition (Outside Foreman) Qty: 1 Hourly: 78.88 Daily: 631.04 Code: ROHE Description: Roofers, Helpers (Composition) Qty: 2 Hourly: 56.55 Daily: 904.8 Code: 015433100900 Description: Application Equipment Qty: 1 Hourly: 0 Daily: 212.3					
48	Crew L-04 L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Labor Hours: 24 Equip Hours: 0 Daily Hours: 24 LABOR USED TO STOCK ROOFING MATERIALS Cody Library	Daily	10.0000	\$1,768.40	\$17,684.00	CUSTOM L, O&P
	Crew Details: Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily: 1293.6 Code: HELP Description: Helpers Average (5 trades) Qty: 1 Hourly: 59.35 Daily: 474.8					
49	Crew L-04 L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P L-04 (2016 - RSMMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0	Daily	10.0000	\$1,768.40	\$17,684.00	CUSTOM L, O&P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(01) Cody Library

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
50	Crew Q-11 Q-11 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Labor Hours: 32 Equip Hours: 0 Daily Hours: 32 LABOR CREW USED TO PREPARE ROOF FOR NEW MATERIAL Cody Library Crew Details: Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily: 1293.6 Code: HELP Description: Helpers Average (5 trades) Qty: 1 Hourly: 59.35 Daily: 474.8	Daily	5.0000	\$2,752.80	\$13,764.00	CUSTOM L, O&P
51	Crew R-01B R-01B Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Labor Hours: 24 Equip Hours: 0 Daily Hours: 24 LABOR CREW TO DISCONNECT AND RE CONNECT MECHANICAL UNITS Cody Library Crew Details: Code: SHEE Description: Sheet Metal Workers (Inside Foreman) Qty: 1 Hourly: 91.13 Daily: 729.04 Code: SHEE Description: Sheet Metal Workers Qty: 2 Hourly: 90.35 Daily: 1445.6 Code: SHEE Description: Sheet Metal Workers (Apprentice) Qty: 1 Hourly: 72.27 Daily: 578.16	Daily	5.0000	\$1,772.00	\$8,860.00	CUSTOM L, O&P
Alternate Total						\$102,364.82

Estimate Grand Total 201,166.32



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Alpha Building Contract - First Option -
 1/15/2016 to 1/14/2017
 2015-01-15-0013 - City of San Antonio Job Order Contract -
 COSA Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish

(02) Tobin Library

Division Summary (MF04)

01 - General Requirements	\$34,275.20
02 - Existing Conditions	\$1,875.00
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	\$124,654.66
08 - Openings	
09 - Finishes	
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	
Totalling Components	
RS Means Subtotal	\$216,068.70
RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%	\$(32,842.44)

26 - Electrical	
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	
32 - Exterior Improvements	
33 - Utilities	
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	
Alternate	
Trades	
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$216,068.70
JOC Coefficient Standard (-33.0000%)	\$(60,464.67)

Priced/Non-Priced

Total Priced Items:	22	\$216,068.70	0.00%
Total Non-Priced Items:	0	\$0.00	
	22	\$216,068.70	
Grand Total		\$122,761.59	

Estimator: Mike Durish

(02) Tobin Library

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Tobin Library	Week	1.0000	\$745.00	\$745.00	RSM1eeFAC L, O&P P
2	01-31-13-20-0220 Field personnel, project manager, maximum Tobin Library	Week	1.0000	\$4,325.00	\$4,325.00	RSM1eeFAC L, O&P P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Tobin Library	Week	3.0000	\$4,000.00	\$12,000.00	RSM1eeFAC L, O&P P
4	01-54-23-70-0200 Scaffolding, steel tube, regular, no plank, labor only to erect and dismantle, building exterior, wall face, 6'-4" x 5' frames, 6 to 12 stories Labor to erect and dismantle scaffolding Tobin Library 150*16/100 = 24.00	C.S.F.	24.0000	\$315.00	\$7,560.00	RSM1eeFAC L, O&P P
5	01-54-23-70-1150 Scaffolding, steel tubular, regular, buy, frames, 5' high 5' wide Scaffolding Tobin Library	Ea.	6.0000	\$114.00	\$684.00	RSM1eeFAC M, O&P P
6	01-54-23-70-1500 Scaffolding, steel tubular, regular, buy, accessories, cross braces Scaffolding Tobin Library	Ea.	3.0000	\$19.90	\$59.70	RSM1eeFAC M, O&P P
7	01-54-23-70-1750 Scaffolding, steel tubular, regular, buy, accessories, 8" casters Scaffolding Tobin Library	Ea.	4.0000	\$34.00	\$136.00	RSM1eeFAC M, O&P P
8	01-54-23-70-1900 Scaffolding, steel tubular, regular, buy, accessories, stairway section Scaffolding Tobin Library	Ea.	1.0000	\$315.00	\$315.00	RSM1eeFAC M, O&P P
9	01-54-23-70-5700 Scaffolding, planks, 2" x 10" x 16'-0", labor only to erect and remove, to 50' high Labor only to install planks Tobin Library	Ea.	12.0000	\$26.50	\$318.00	RSM1eeFAC L, O&P P
10	01-54-33-40-2050-4 Rent per month for general equipment rental, without operators, forklift, for rough terrain, 42' lift, 35' reach, 9000 lbs., 110 H.P. Forklift to lift material to roof Tobin Library	Ea.	1.0000	\$4,922.50	\$4,922.50	RSM1eeFAC E, O&P P
11	01-54-36-50-1300 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, equipment hauled on towed trailer, 3-ton capacity Mobilize and Demobilize Tobin Library	Ea.	4.0000	\$310.00	\$1,240.00	RSM1eeFAC L, E, O&P P
12	01-74-13-20-0040 Cleaning up, after job completion, allow, maximum Tobin Library	Job	120,000.0000	1.0000%	\$1,200.00	RSM1eeFAC O&P P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(02) Tobin Library

01 - General Requirements

Item	Description	UM	Quantity	Unit Cost	Total	Book
13	01-74-13-20-0052 FinalClean Tobin Library					
	Cleaning up, cleanup of floor area, continuous, per day, during construction	M,S,F.	10.0000	\$77.00	\$770.00	RSM166FAC M, L, E, O&P
	Daily Clean Up					
	Tobin Library					
	500*.04*5;10 = 10.00					
01 - General Requirements Total						\$34,275.20

02 - Existing Conditions

14	02-41-19-19-0725 Selective demolition, rubbish handling, the following are to be added to the demolition prices: Dumpster, weekly rental, includes one dump per week, 20 C.Y. capacity, 5 tons Dumpsters Tobin Library	Week	3.0000	\$625.00	\$1,875.00	RSM166FAC M, O&P
02 - Existing Conditions Total						\$1,875.00

07 - Thermal and Moisture Protection

15	07-61-16-10-0200 Batten seam sheet metal roofing, field fabricated, zinc or copper alloy batten seam roofing, over 10 square, .020 thick, 18 ounce, 145 lbs. per square Nearest Line Item for 16oz double locking Tobin Library	Sq.	49.0000	\$2,250.00	\$110,250.00	RSM166FAC M, L, O&P
16	07-65-10-10-2200 Sheet metal flashing and counter flashing, including up to 4 bends, copper, 24 ounce sheets, under 1000 lbs. Flashing Tobin Library	S.F.	240.0000	\$22.00	\$5,280.00	RSM166FAC M, L, O&P
17	07-72-26-10-0150 Ridge vents and accessories, aluminum strips, painted finish Ridge CAP & Vents Tobin Library 378.22+153.83 = 532.05	L.F.	532.0500	\$8.20	\$4,362.81	RSM166FAC M, L, O&P
18	07-72-26-10-2300 Ridge vents and accessories, ridge vent strip, mill finish Ridge CAP & Vents Tobin Library 378.22+153.83 = 532.05	L.F.	532.0500	\$8.95	\$4,761.85	RSM166FAC M, L, O&P
07 - Thermal and Moisture Protection Total						\$124,654.66

Alternate

Estimator: Mike Durish

(02) Tobin Library

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
19	07-61-16-10-0200 Demo - Batten seam sheet metal roofing, field fabricated, zinc or copper alloy batten seam roofing, over 10 square, .020 thick, 18 ounce, 145 lbs. per square Demo existing Tobin Library	Sq.	49.0000	\$710.00	\$34,790.00	CUSTOM L, O&P
	4900/100 = 49.00					
20	Crew L-04 L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P L-04 (2016 - RSMMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24 LABOR USED TO PREPARE ROOF FOR NEW MATERIAL Tobin Library	Daily	2.0000	\$1,768.40	\$3,536.80	CUSTOM L, O&P
	Crew Details: Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily: 1293.6 Code: HELP Description: Helpers Average (5 trades) Qty: 1 Hourly: 59.35 Daily: 474.8					
21	Crew L-04 L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P L-04 (2016 - RSMMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24 LABOR USED TO STOCK ROOFING MATERIALS Tobin Library	Daily	5.0000	\$1,768.40	\$8,842.00	CUSTOM L, O&P
	Crew Details: Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily: 1293.6 Code: HELP Description: Helpers Average (5 trades) Qty: 1 Hourly: 59.35 Daily: 474.8					
22	Crew Q-10 Q-10 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Q-10 (2016 - RSMMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24 LABOR USED TO HELP FABRICATE ROOFING PARTS Tobin Library	Daily	4.0000	\$2,023.76	\$8,095.04	CUSTOM L, O&P
	Crew Details: Code: SHEE Description: Sheet Metal Workers Qty: 2 Hourly: 90.35 Daily: 1445.6					

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(02) Tobin Library

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
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Code: SHEE Description: Sheet Metal Workers (Apprentice) Qty: 1 Hourly: 72.27 Daily: 578.16

Alternate Total

\$55,263.84

Estimate Grand Total

122,761.59



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Alpha Building Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hall Damage - 4211-RFP-160817-01

Estimator: Mike Durish

(03) Fire House #5

Division Summary (MF04)

01 - General Requirements	\$17,224.50
02 - Existing Conditions	\$1,875.00
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	\$3,924.29
08 - Openings	
09 - Finishes	
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$28,757.75
Totalling Components	
RS Means Subtotal	\$84,435.86
RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%	\$(12,834.25)

26 - Electrical	
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	
32 - Exterior Improvements	
33 - Utilities	
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	\$3,875.00
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	
Alternate	
Trades	
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$28,779.32

JOC Coefficient Standard (-33.0000%) \$(23,628.53)

Priced/Non-Priced	
Total Priced Items:	30
Total Non-Priced Items:	0
	\$84,435.86
	\$0.00
	0.00%
	30
	\$84,435.86

Grand Total \$47,973.08

Estimator: Mike Durish

(03) Fire House #5

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #5	Week	1.0000	\$745.00	\$745.00	RSM166FAC L, O&P P
2	01-31-13-20-0220 Field personnel, project manager, maximum Firehouse #5	Week	1.0000	\$4,325.00	\$4,325.00	RSM166FAC L, O&P P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #5	Week	2.0000	\$4,000.00	\$8,000.00	RSM166FAC L, O&P P
4	01-54-33-40-2050-3 Rent per week for general equipment rental, without operators, forklift, for rough terrain, 42' lift, 35' reach, 9000 lbs., 110 H.P. Forklift to lift material to roof Firehouse #5	Ea.	1.0000	\$1,644.50	\$1,644.50	RSM166FAC E, O&P P
5	01-54-36-50-1300 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, equipment hauled on towed trailer, 3-ton capacity Mobilize and Demobilize Firehouse #5	Ea.	4.0000	\$310.00	\$1,240.00	RSM166FAC L, E, O&P P
6	01-74-13-20-0040 Cleaning up, after job completion, allow, maximum FinalClean Firehouse #5	Job	50,000.0000	1.0000%	\$500.00	RSM166FAC O&P P
7	01-74-13-20-0052 Cleaning up, cleanup of floor area, continuous, per day, during construction Daily Clean Up Firehouse #5 500' .04*5/10 = 10.00	M, S, F.	10.0000	\$77.00	\$770.00	RSM166FAC M, L, E, O&P P
01 - General Requirements Total						\$17,224.50
02 - Existing Conditions						
8	02-41-19-19-0725 Selective demolition, rubbish handling, the following are to be added to the demolition prices: Dumpster, weekly rental, includes one dump per week, 20 C.Y. capacity, 5 tons Dumpsters Firehouse #5	Week	3.0000	\$625.00	\$1,875.00	RSM166FAC M, O&P P
02 - Existing Conditions Total						\$1,875.00
07 - Thermal and Moisture Protection						
9	07-05-05-10-3125 Selective demolition, thermal and moisture protection, roofing, felt paper, #30 felt Sq. Demo existing felt paper Firehouse #5		4.9980	\$16.50	\$82.47	RSM166FAC L, O&P P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(03) Fire House #5

07 - Thermal and Moisture Protection

Item	Description	UM	Quantity	Unit Cost	Total	Book
10	07-05-05-10-3170 Selective demolition, thermal and moisture protection, roofing, asphalt shingles, 1 S.F. layer Demo existing shingles Firehouse #5	S.F.	499.8000	\$0.72	\$359.86	RSM16eFAC L, O&P
11	07-31-13-10-0500 Asphalt roof shingles, premium, laminated multi-layered shingles, class A, 300 to Sq. 385 lbs per square New Shingles Firehouse #5	Sq.	4.9980	\$465.00	\$2,324.07	RSM16eFAC M, L, O&P
12	07-31-13-10-0850 Asphalt roof shingles, self adhering polyethylene and rubberized asphalt underlayment Nearest line item for OC Pro-Armour Underlayment Firehouse #5	Sq.	4.9980	\$110.00	\$549.78	RSM16eFAC M, L, O&P
13	07-31-13-10-0900 Asphalt roof shingles, ridge shingles Ridge cap Firehouse #5	L.F.	42.4600	\$4.24	\$180.03	RSM16eFAC M, L, O&P
14	07-62-10-10-0800 Sheet metal cladding, aluminum, up to 6 bends, .024" thick, window sill Nearest line item for 24 GA Kynar flashing Firehouse #5	L.F.	12.9800	\$10.40	\$134.99	RSM16eFAC M, L, O&P
15	07-65-10-10-0100 Sheet metal flashing and counter flashing, including up to 4 bends, aluminum, mill finish, .032" thick Nearest line item for 8" counter flashing Firehouse #5 .67*42.46 = 28.45	S.F.	28.4482	\$5.65	\$160.73	RSM16eFAC M, L, O&P
16	07-65-26-10-0080 Self-adhering sheet or roll flashing, self-adhered flashing, 25 mil cross laminated HDPE, 12" wide Flashing Firehouse #5	L.F.	53.4400	\$1.43	\$76.42	RSM16eFAC M, L, O&P
17	07-71-26-10-0400 Reglets and accessories, reglet, galvanized steel, 24 gauge 24 GS Kynar Reglet Firehouse #5	L.F.	12.9800	\$4.31	\$55.94	RSM16eFAC M, L, O&P
07 - Thermal and Moisture Protection Total					\$3,924.29	

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

18	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized V.L.F. steel, 6" diameter New Gas Vents Firehouse #5 1*3 = 3.00		3.0000	\$33.50	\$100.50	RSM16eFAC M, L, O&P
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Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(03) Fire House #5

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

Item	Description	UM	Quantity	Unit Cost	Total	Book
19	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #5 1*3 = 3.00	V.L.F.	3.0000	\$4.81	\$14.43	RSM16eFAC L, O&P
20	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #5 1*3 = 3.00	V.L.F.	3.0000	\$3.44	\$10.32	RSM16eFAC L, O&P
21	23-82-16-10-1000 Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long Firehouse #5 New coils	Ea.	5.0000	\$5,525.00	\$27,625.00	RSM16eFAC M, L, O&P
22	23-82-16-10-1000-1160 Labor adjustment factors, add to labor for elevated installation, above floor level, 30' to 34.5' high (Modified using 22-01-02-20-1160) Firehouse #5	Ea.	5.0000	\$124.00	\$620.00	RSM16eFAC L, O&P
23	23-82-16-10-1000-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) Firehouse #5	Ea.	5.0000	\$77.50	\$387.50	RSM16eFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$28,757.75	

41 - Material Processing and Handling Equipment

24	41-22-23-10-1500 Material handling, cranes, portable hydraulic, floor type, 2,000 lbs. capacity Hoist to bring coils on and off roof. Firehouse #5	Ea.	1.0000	\$3,875.00	\$3,875.00	RSM16eFAC M, O&P
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41 - Material Processing and Handling Equipment Total

\$3,875.00

Alternate

25	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #5	V.L.F.	3.0000	\$21.34	\$64.02	CUSTOM L, O&P
			1*3 = 3.00			
26	23-82-16-10-1000 Demo - Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long Firehouse #5 Demo existing coils	Ea.	5.0000	\$492.50	\$2,462.50	CUSTOM L, O&P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(03) Fire House #5

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
27	Crew L-04 L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	Daily	2.0000	\$1,768.40	\$3,536.80	CUSTOM L, O&P
	LABOR USED TO STOCK ROOFING MATERIALS					
28	Crew L-04 L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	Daily	5.0000	\$1,768.40	\$8,842.00	CUSTOM L, O&P
	LABOR USED TO HOIST COLLS ON AND OFF ROOF Firehouse #5					
29	Crew L-04 L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	Daily	2.0000	\$1,768.40	\$3,536.80	CUSTOM L, O&P
	LABOR USED TO PREPARE ROOF FOR NEW MATERIAL Firehouse #5					
30	Crew Q-02 Q-02 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	Daily	5.0000	\$2,067.44	\$10,337.20	CUSTOM L, O&P

Crew Details:
Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily: 1293.6
Code: HELP Description: Helpers Average (5 trades) Qty: 1 Hourly: 59.35 Daily: 474.8

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(03) Fire House #5

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
	LABOR TO INSTALL COILS Firehouse #5					
Crew Details:						
	Code: PLUM Description: Plumbers Qty: 2 Hourly: 92.3 Daily: 1476.8					
	Code: PLUM Description: Plumbers (Apprentice) Qty: 1 Hourly: 73.83 Daily: 590.64					

Alternate Total

\$28,779.32

Estimate Grand Total

47,973.08



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 2015-01-15-0013 - City of San Antonio Job Order Contract -
 COSA Hall Damage - 4211-RFP-160817-01

Estimator: Mike Durish

(04) Fire House #10

Division Summary (MF04)

01 - General Requirements	\$3,347.50
02 - Existing Conditions	
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	
09 - Finishes	
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$19,159.13
Totalling Components	
RS Means Subtotal	\$41,158.74
RSMMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%	\$(6,256.13)
26 - Electrical	
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	
32 - Exterior Improvements	
33 - Utilities	
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	\$6,575.00
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	
Alternate	\$12,077.11
Trades	
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$41,158.74
JOC Coefficient Standard (-33.0000%)	\$(11,517.86)

Priced/Non-Priced

Total Priced Items:	21	\$41,158.74	
Total Non-Priced Items:	0	\$0.00	0.00%
	21	\$41,158.74	

Grand Total **\$23,384.75**

Estimator: Mike Durish

(04) Fire House #10

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #10	Week	0.5000	\$745.00	\$372.50	RSM16eFAC L, O&P
2	01-31-13-20-0200 Field personnel, project manager, average Firehouse #10 1/5 = 0.20	Week	0.2000	\$3,775.00	\$755.00	RSM16eFAC L, O&P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #10 2/5 = 0.40	Week	0.4000	\$4,000.00	\$1,600.00	RSM16eFAC L, O&P
4	01-54-36-50-1300 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, equipment hauled on towed trailer, 3-ton capacity Mobilize and Demobilize Firehouse #10	Ea.	2.0000	\$310.00	\$620.00	RSM16eFAC L, E, O&P
01 - General Requirements Total						
						\$3,347.50
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
5	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #10 3.5*1 = 3.50	V.L.F.	3.5000	\$33.50	\$117.25	RSM16eFAC M, L, O&P
6	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #10 3.5*1 = 3.50	V.L.F.	3.5000	\$4.81	\$16.84	RSM16eFAC L, O&P
7	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #10 3.5*1 = 3.50	V.L.F.	3.5000	\$3.44	\$12.04	RSM16eFAC L, O&P
8	23-51-23-10-1860 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, fittings, top, 20" diameter Nearest Line Item for Exhaust Fan Cover Firehouse #10	Ea.	3.0000	\$595.00	\$1,785.00	RSM16eFAC M, L, O&P
9	23-74-33-10-1100 Rooftop air conditioners, including standard controls, curb, and economizer, single zone, electric cool, gas heat, 3 ton cooling, 60 MBH heating New 5 ton HVAC Unit Firehouse #10	Ea.	1.0000	\$5,025.00	\$5,025.00	RSM16eFAC M, L, O&P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(04) Fire House #10

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

Item	Description	UM	Quantity	Unit Cost	Total	Book
10	23-74-33-10-1100-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New 5 ton HVAC Unit Firehouse #10	Ea.	1.0000	\$437.50	\$437.50	RSM16eFAC L, O&P
11	23-74-33-10-1100-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New 5 ton HVAC Unit Firehouse #10	Ea.	1.0000	\$312.50	\$312.50	RSM16eFAC L, O&P
12	23-82-16-10-1000 Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long Firehouse #10 New coils	Ea.	2.0000	\$5,525.00	\$11,050.00	RSM16eFAC M, L, O&P
13	23-82-16-10-1000-1160 Labor adjustment factors, add to labor for elevated installation, above floor level, 30' to 34.5' high (Modified using 22-01-02-20-1160) Firehouse #10	Ea.	2.0000	\$124.00	\$248.00	RSM16eFAC L, O&P
14	23-82-16-10-1000-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) Firehouse #10	Ea.	2.0000	\$77.50	\$155.00	RSM16eFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$19,159.13	

41 - Material Processing and Handling Equipment

15	41-22-23-10-1900 Material handling, cranes, movable gantry type, 12' to 15' range, 6,000 lbs. capacity Hoist to bring material on and off roof. Firehouse #10	Ea.	1.0000	\$6,575.00	\$6,575.00	RSM16eFAC M, O&P
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41 - Material Processing and Handling Equipment Total

\$6,575.00

Alternate

16	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #10	V.L.F.	3.5000	\$21.34	\$74.69	CUSTOM L, O&P
			3.5*1 = 3.50			
17	23-51-23-10-1860 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, fittings, top, 20" diameter Nearest Line Item to demo existing Exhaust Fan Cover Firehouse #10	Ea.	3.0000	\$72.50	\$217.50	CUSTOM L, O&P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(04) Fire House #10

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
18	23-74-33-10-1100 Demo - Rooftop air conditioners, including standard controls, curb, and economizer, single zone, electric cool, gas heat, 3 ton cooling, 60 MBH heating Demo existing 5 ton HVAC Unit Firehouse #10	Ea.	1.0000	\$1,945.00	\$1,945.00	CUSTOM L, O&P
19	23-82-16-10-1000 Demo - Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long Firehouse #10 Demo existing coils	Ea.	2.0000	\$492.50	\$985.00	CUSTOM L, O&P
20	Crew L-04 L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Labor Hours: 24 Equip Hours: 0 Daily Hours: 24 LABOR USED TO HOIST COILS ON AND OFF ROOF Firehouse #10 Crew Details: Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily: 1293.6 Code: HELP Description: Helpers Average (5 trades) Qty: 1 Hourly: 59.35 Daily: 474.8	Daily	1.5000	\$1,768.40	\$2,652.60	CUSTOM L, O&P
21	Crew Q-02 Q-02 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Labor Hours: 24 Equip Hours: 0 Daily Hours: 24 LABOR TO INSTALL COILS & NEW UNIT Firehouse #10 Crew Details: Code: PLUM Description: Plumbers Qty: 2 Hourly: 92.3 Daily: 1476.8 Code: PLUM Description: Plumbers (Apprentice) Qty: 1 Hourly: 73.83 Daily: 590.64	Daily	3.0000	\$2,067.44	\$6,202.32	CUSTOM L, O&P
Alternate Total						\$12,077.11
Estimate Grand Total						23,384.75



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 2015-01-15-0013 - City of San Antonio Job Order Contract -
 COSA Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish

(05) Fire House #17

Division Summary (MF04)	
01 - General Requirements	\$1,172.50
02 - Existing Conditions	
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	
09 - Finishes	
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	\$250.50
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	
Totalling Components	
RS Means Subtotal	\$1,551.04
RSMean SAN ANTONIO, TX CCI 2016Q2, 84.80%	\$(235.76)
26 - Electrical	
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	
32 - Exterior Improvements	
33 - Utilities	
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	\$128.04
Alternate	
Trades	
Assemblies	
FMR	
MF04 Total (without totalling components)	\$1,551.04
JOC Coefficient Standard (-33.0000%)	\$(434.04)

Priced/Non-Priced			
Total Priced Items:	6	\$1,551.04	0.00%
Total Non-Priced Items:	0	\$0.00	
	6	\$1,551.04	
Grand Total		\$881.24	

Estimator: Mike Durish

(05) Fire House #17

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #17	Week	0.5000	\$745.00	\$372.50	RSM16eFAC L, O&P P
2	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #17 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM16eFAC L, O&P P
01 - General Requirements Total					\$1,172.50	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
3	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #17 6*1 = 6.00	V.L.F.	6.0000	\$33.50	\$201.00	RSM16eFAC M, L, O&P P
4	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #17 6*1 = 6.00	V.L.F.	6.0000	\$4.81	\$28.86	RSM16eFAC L, O&P P
5	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #17 6*1 = 6.00	V.L.F.	6.0000	\$3.44	\$20.64	RSM16eFAC L, O&P P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$250.50	
Alternate						
6	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #17 6*1 = 6.00	V.L.F.	6.0000	\$21.34	\$128.04	CUSTOM L, O&P P
Alternate Total					\$128.04	

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(05) Fire House #17

Item	Description	UM	Quantity	Unit Cost	Total	Book
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Estimate Grand Total

881.24



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hall Damage - 4211-RFP-160817-01

Estimator: Mike Durish

(06) Fire House #19

Division Summary (MF04)

01 - General Requirements	\$1,172.50	26 - Electrical	
02 - Existing Conditions		27 - Communications	
03 - Concrete		28 - Electronic Safety and Security	
04 - Masonry		31 - Earthwork	
05 - Metals		32 - Exterior Improvements	
06 - Wood, Plastics, and Composites		33 - Utilities	
07 - Thermal and Moisture Protection		34 - Transportation	
08 - Openings		35 - Waterway and Marine Transportation	
09 - Finishes		41 - Material Processing and Handling Equipment	
10 - Specialties		44 - Pollution Control Equipment	
11 - Equipment		46 - Water and Wastewater Equipment	
12 - Furnishings		48 - Electric Power Generation	\$170.72
13 - Special Construction		Alternate	
14 - Conveying Equipment		Trades	
21 - Fire Suppression	\$334.00	Assemblies	
22 - Plumbing		FMR	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)		MF04 Total (Without totalling components)	\$1,677.22
Totalling Components		JOC Coefficient Standard (-33.0000%)	\$(469.35)
RS Means Subtotal	\$1,677.22		
RSMean's SAN ANTONIO, TX CCI 2016Q2, 84.80%	\$(254.94)		

Priced/Non-Priced			
Total Priced Items:	6	\$1,677.22	0.00%
Total Non-Priced Items:	0	\$0.00	
	6	\$1,677.22	
Grand Total			\$952.93

Estimator: Mike Durish

(06) Fire House #19

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #19	Week	0.5000	\$745.00	\$372.50	RSM/teFAC L, O&P
2	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #19 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM/teFAC L, O&P
01 - General Requirements Total					\$1,172.50	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
3	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #19 2*4 = 8.00	V.L.F.	8.0000	\$33.50	\$268.00	RSM/teFAC M, L, O&P
4	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #19 2*4 = 8.00	V.L.F.	8.0000	\$4.81	\$38.48	RSM/teFAC L, O&P
5	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #19 2*4 = 8.00	V.L.F.	8.0000	\$3.44	\$27.52	RSM/teFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$334.00	
Alternate						
6	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #19 2*4 = 8.00	V.L.F.	8.0000	\$21.34	\$170.72	CUSTOM L, O&P
Alternate Total					\$170.72	

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(06) Fire House #19

Item	Description	UM	Quantity	Unit Cost	Total	Book
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Estimate Grand Total

952.93



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hall Damage - 4211-RFP-160817-01

Estimator: Mike Durish

(07) Fire House #23

Division Summary (MF04)	
01 - General Requirements	\$1,172.50
02 - Existing Conditions	
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	
09 - Finishes	
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$125.25
Totalling Components	
RS Means Subtotal	\$1,361.77
RSMean SAN ANTONIO, TX CCI 2016Q2, 84.80%	\$(206.99)
26 - Electrical	
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	
32 - Exterior Improvements	
33 - Utilities	
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	
Alternate	\$64.02
Trades	
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$1,361.77
JOC Coefficient Standard (-33.0000%)	\$(381.08)

Priced/Non-Priced			
Total Priced Items:	6	\$1,361.77	0.00%
Total Non-Priced Items:	0	\$0.00	
	6	\$1,361.77	
Grand Total		\$773.70	

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(07) Fire House #23

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #23	Week	0.5000	\$745.00	\$372.50	RSM/6eFAC L, O&P
2	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #23 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM/6eFAC L, O&P
01 - General Requirements Total					\$1,172.50	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
3	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #23 1.5*2 = 3.00	V.L.F.	3.0000	\$33.50	\$100.50	RSM/6eFAC M, L, O&P
4	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #23 1.5*2 = 3.00	V.L.F.	3.0000	\$4.81	\$14.43	RSM/6eFAC L, O&P
5	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #23 1.5*2 = 3.00	V.L.F.	3.0000	\$3.44	\$10.32	RSM/6eFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$125.25	
Alternate						
6	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #23 1.5*2 = 3.00	V.L.F.	3.0000	\$21.34	\$64.02	CUSTOM L, O&P
Alternate Total					\$64.02	

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(07) Fire House #23

Item	Description	UM	Quantity	Unit Cost	Total	Book
Estimate Grand Total						773.70



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Alpha Building Contract - First Option -
 1/15/2016 to 1/14/2017
 2015-01-15-0013 - City of San Antonio Job Order Contract -
 COSA Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish **(08) Fire House #24**

Division Summary (MF04)		\$1,927.50
01 - General Requirements		
02 - Existing Conditions		
03 - Concrete		
04 - Masonry		
05 - Metals		
06 - Wood, Plastics, and Composites		
07 - Thermal and Moisture Protection		
08 - Openings		
09 - Finishes		
10 - Specialties		
11 - Equipment		
12 - Furnishings		
13 - Special Construction		
14 - Conveying Equipment		
21 - Fire Suppression		
22 - Plumbing		
23 - Heating, Ventilating, and Air-Conditioning (HVAC)		
Totalling Components		\$1,179.50
RS Means Subtotal		\$3,478.26
RSMean SAN ANTONIO, TX CCI 2016Q2, 84.80%		\$(528.70)
		\$3,478.26

26 - Electrical		
27 - Communications		
28 - Electronic Safety and Security		
31 - Earthwork		
32 - Exterior Improvements		
33 - Utilities		
34 - Transportation		
35 - Waterway and Marine Transportation		
41 - Material Processing and Handling Equipment		
44 - Pollution Control Equipment		
46 - Water and Wastewater Equipment		
48 - Electric Power Generation		
Alternate		\$371.26
Trades		
Assemblies		
FMR		
MF04 Total (Without totalling components)		\$3,478.26
JOC Coefficient Standard (-33.00000%)		\$(973.35)

Priced/Non-Priced			
Total Priced Items:	9	\$3,478.26	0.00%
Total Non-Priced Items:	0	\$0.00	
	9	\$3,478.26	

Grand Total **\$1,976.21**

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(08) Fire House #24

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #24	Week	0.5000	\$745.00	\$372.50	RSM/eeFAC L, O&P
2	01-31-13-20-0200 Field personnel, project manager, average Firehouse #24 1/5 = 0.20	Week	0.2000	\$3,775.00	\$755.00	RSM/eeFAC L, O&P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #24 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM/eeFAC L, O&P
01 - General Requirements Total					\$1,927.50	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
4	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #24 3.5*4 = 14.00	V.L.F.	14.0000	\$33.50	\$469.00	RSM/eeFAC M, L, O&P
5	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #27 3.5*4 = 14.00	V.L.F.	14.0000	\$4.81	\$67.34	RSM/eeFAC L, O&P
6	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #24 3.5*4 = 14.00	V.L.F.	14.0000	\$3.44	\$48.16	RSM/eeFAC L, O&P
7	23-51-23-10-1860 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, fittings, top, 20" diameter Nearest Line Item for Exhaust Fan Cover Firehouse #27	Ea.	1.0000	\$595.00	\$595.00	RSM/eeFAC M, L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$1,179.50	

Alternate

8	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #24	V.L.F.	14.0000	\$21.34	\$298.76	CUSTOM L, O&P
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Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(08) Fire House #24

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
3.5'4 = 14.00						
9	23-51-23-10-1860 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, fittings, top, 20" diameter Nearest Line Item to demo existing Exhaust Fan Cover Firehouse #27	Ea.	1,0000	\$72.50	\$72.50	CUSTOM L, O&P P
Alternate Total						\$371.26

Estimate Grand Total 1,976.21



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish **(09) Fire House #27**

Division Summary (MF04)

01 - General Requirements	\$1,927.50
02 - Existing Conditions	
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	
09 - Finishes	
10 - Specialists	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$626.25
Totalling Components	
RS Means Subtotal	\$2,873.85
RSMean SAN ANTONIO, TX CCI 2016Q2, 84.80%	\$(436.83)

26 - Electrical	
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	
32 - Exterior Improvements	
33 - Utilities	
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	\$320.10
Alternate	
Trades	
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$2,873.85
JOC Coefficient Standard (-33.00000%)	\$(804.22)

Priced/Non-Priced			
Total Priced Items:	7	\$2,873.85	0.00%
Total Non-Priced Items:	0	\$0.00	
	7	\$2,873.85	

Grand Total	\$1,632.80
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Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(09) Fire House #27

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #27	Week	0.5000	\$745.00	\$372.50	RSM/teFAC L, O&P
2	01-31-13-20-0200 Field personnel, project manager, average Firehouse #27 1/5 = 0.20	Week	0.2000	\$3,775.00	\$755.00	RSM/teFAC L, O&P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #27 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM/teFAC L, O&P
01 - General Requirements Total					\$1,927.50	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
4	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #27 2.5*6 = 15.00	V.L.F.	15.0000	\$33.50	\$502.50	RSM/teFAC M, L, O&P
5	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #27 2.5*6 = 15.00	V.L.F.	15.0000	\$4.81	\$72.15	RSM/teFAC L, O&P
6	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #27 2.5*6 = 15.00	V.L.F.	15.0000	\$3.44	\$51.60	RSM/teFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$626.25	
Alternate						
7	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #27 2.5*6 = 15.00	V.L.F.	15.0000	\$21.34	\$320.10	CUSTOM L, O&P
Alternate Total					\$320.10	

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(09) Fire House #27

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
Estimate Grand Total						1,632.80



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hall Damage - 4211-RFP-160817-01

Estimator: Mike Durish **(10) Fire House #28**

Division Summary (MF04)		\$1,927.50
01 - General Requirements		
02 - Existing Conditions		
03 - Concrete		
04 - Masonry		
05 - Metals		
06 - Wood, Plastics, and Composites		
07 - Thermal and Moisture Protection		
08 - Openings		
09 - Finishes		
10 - Specialties		
11 - Equipment		
12 - Furnishings		
13 - Special Construction		
14 - Conveying Equipment		
21 - Fire Suppression		
22 - Plumbing		
23 - Heating, Ventilating, and Air-Conditioning (HVAC)		
Totalling Components		
RS Means Subtotal		\$3,820.20
RSMeanS SAN ANTONIO, TX CCI 2016Q2, 84.80%		\$(580.67)

26 - Electrical		
27 - Communications		
28 - Electronic Safety and Security		
31 - Earthwork		
32 - Exterior Improvements		
33 - Utilities		
34 - Transportation		
35 - Waterway and Marine Transportation		
41 - Material Processing and Handling Equipment		
44 - Pollution Control Equipment		
46 - Water and Wastewater Equipment		
48 - Electric Power Generation		
Alternate		\$640.20
Trades		
Assemblies		
FMR		
MF04 Total (Without totalling components)		\$3,820.20
JOC Coefficient Standard (-33.00000%)		\$(1,069.04)

Priced/Non-Priced			
Total Priced Items:	7	\$3,820.20	0.00%
Total Non-Priced Items:	0	\$0.00	
	7	\$3,820.20	

Grand Total	\$2,170.49
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Estimator: Mike Durish

(10) Fire House #28

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #28	Week	0.5000	\$745.00	\$372.50	RSM/teFAC L, O&P
2	01-31-13-20-0200 Field personnel, project manager, average Firehouse #28 1/5 = 0.20	Week	0.2000	\$3,775.00	\$755.00	RSM/teFAC L, O&P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #28 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM/teFAC L, O&P
01 - General Requirements Total					\$1,927.50	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
4	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #28 2.5*12 = 30.00	V.L.F.	30.0000	\$33.50	\$1,005.00	RSM/teFAC M, L, O&P
5	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #28 2.5*12 = 30.00	V.L.F.	30.0000	\$4.81	\$144.30	RSM/teFAC L, O&P
6	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #28 2.5*12 = 30.00	V.L.F.	30.0000	\$3.44	\$103.20	RSM/teFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$1,252.50	
Alternate						
7	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #28 2.5*12 = 30.00	V.L.F.	30.0000	\$21.34	\$640.20	CUSTOM L, O&P
Alternate Total					\$640.20	

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(10) Fire House #28

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
Estimate Grand Total						2,170.49



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish
(11) Fire House #30

Division Summary (MF04)		\$1,172.50
01 - General Requirements		
02 - Existing Conditions		
03 - Concrete		
04 - Masonry		
05 - Metals		
06 - Wood, Plastics, and Composites		
07 - Thermal and Moisture Protection		
08 - Openings		
09 - Finishes		
10 - Specialties		
11 - Equipment		
12 - Furnishings		
13 - Special Construction		
14 - Conveying Equipment		
21 - Fire Suppression		
22 - Plumbing		
23 - Heating, Ventilating, and Air-Conditioning (HVAC)		\$125.25
Totalling Components		
RS Means Subtotal		\$1,361.77
RSMean SAN ANTONIO, TX CCI 2016Q2, 84.80%		\$(206.99)

26 - Electrical		
27 - Communications		
28 - Electronic Safety and Security		
31 - Earthwork		
32 - Exterior Improvements		
33 - Utilities		
34 - Transportation		
35 - Waterway and Marine Transportation		
41 - Material Processing and Handling Equipment		
44 - Pollution Control Equipment		
46 - Water and Wastewater Equipment		
48 - Electric Power Generation		
Alternate		\$64.02
Trades		
Assemblies		
FMR		
MF04 Total (Without totalling components)		\$1,361.77
JOC Coefficient Standard (-33.00000%)		\$(381.08)

Priced/Non-Priced			
Total Priced Items:	6	\$1,361.77	
Total Non-Priced Items:	0	\$0.00	0.00%
	6	\$1,361.77	
Grand Total			\$773.70

Estimator: Mike Durish

(11) Fire House #30

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #30	Week	0.5000	\$745.00	\$372.50	RSM/teFAC L, O&P
2	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #30 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM/teFAC L, O&P
01 - General Requirements Total					\$1,172.50	

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

3	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #39 1*3 = 3.00	V.L.F.	3.0000	\$33.50	\$100.50	RSM/teFAC M, L, O&P
4	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #30 1*3 = 3.00	V.L.F.	3.0000	\$4.81	\$14.43	RSM/teFAC L, O&P
5	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #30 1*3 = 3.00	V.L.F.	3.0000	\$3.44	\$10.32	RSM/teFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$125.25	

Alternate

6	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #30 1*3 = 3.00	V.L.F.	3.0000	\$21.34	\$64.02	CUSTOM L, O&P
Alternate Total					\$64.02	

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(11) Fire House #30

Item	Description	UM	Quantity	Unit Cost	Total	Book
Estimate Grand Total						773.70



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish (12) Fire House #31

Division Summary (MF04)		
01 - General Requirements		\$1,927.50
02 - Existing Conditions		
03 - Concrete		
04 - Masonry		
05 - Metals		
06 - Wood, Plastics, and Composites		
07 - Thermal and Moisture Protection		
08 - Openings		
09 - Finishes		
10 - Specialties		
11 - Equipment		
12 - Furnishings		
13 - Special Construction		
14 - Conveying Equipment		
21 - Fire Suppression		
22 - Plumbing		
23 - Heating, Ventilating, and Air-Conditioning (HVAC)		\$2,505.00
Totalling Components		
RS Means Subtotal		\$5,712.90
RSMean's SAN ANTONIO, TX CCI 2016Q2, 84.80%		\$(868.36)
JOC Coefficient Standard (-33.0000%)		\$(1,598.70)
MF04 Total (Without totalling components)		\$5,712.90
FMR		
Assemblies		
Trades		
Alternates		\$1,280.40
48 - Electric Power Generation		
46 - Water and Wastewater Equipment		
44 - Pollution Control Equipment		
41 - Material Processing and Handling Equipment		
35 - Waterway and Marine Transportation		
34 - Transportation		
33 - Utilities		
32 - Exterior Improvements		
31 - Earthwork		
28 - Electronic Safety and Security		
27 - Communications		
26 - Electrical		

Priced/Non-Priced		
Total Priced Items:	7	\$5,712.90
Total Non-Priced Items:	0	\$0.00
	7	\$5,712.90
Grand Total		\$3,245.84

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(12) Fire House #31

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #31	Week	0.5000	\$745.00	\$372.50	RSM16eFAC L, O&P
2	01-31-13-20-0200 Field personnel, project manager, average Firehouse #31 1/5 = 0.20	Week	0.2000	\$3,775.00	\$755.00	RSM16eFAC L, O&P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #31 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM16eFAC L, O&P
01 - General Requirements Total					\$1,927.50	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
4	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #31 15*4 = 60.00	V.L.F.	60.0000	\$33.50	\$2,010.00	RSM16eFAC M, L, O&P
5	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #31 15*4 = 60.00	V.L.F.	60.0000	\$4.81	\$288.60	RSM16eFAC L, O&P
6	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #31 15*4 = 60.00	V.L.F.	60.0000	\$3.44	\$206.40	RSM16eFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$2,505.00	
Alternate						
7	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #31 15*4 = 60.00	V.L.F.	60.0000	\$21.34	\$1,280.40	CUSTOM L, O&P
Alternate Total					\$1,280.40	

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(12) Fire House #31

Alternate

Item Description

UM Quantity Unit Cost Total Book

Estimate Grand Total 3,245.84



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hall Damage - 4211-RFP-160817-01

Estimator: Mike Durish **(13) Fire House #32**

Division Summary (MF04)		\$1,927.50
01 - General Requirements		
02 - Existing Conditions		
03 - Concrete		
04 - Masonry		
05 - Metals		
06 - Wood, Plastics, and Composites		
07 - Thermal and Moisture Protection		
08 - Openings		
09 - Finishes		
10 - Specialties		
11 - Equipment		
12 - Furnishings		
13 - Special Construction		
14 - Conveying Equipment		
21 - Fire Suppression		
22 - Plumbing		
23 - Heating, Ventilating, and Air-Conditioning (HVAC)		\$250.50
Totalling Components		
RS Means Subtotal		\$2,306.04
RSMears SAN ANTONIO, TX CCI 2016Q2, 84.80%		\$(350.52)

26 - Electrical		
27 - Communications		
28 - Electronic Safety and Security		
31 - Earthwork		
32 - Exterior Improvements		
33 - Utilities		
34 - Transportation		
35 - Waterway and Marine Transportation		
41 - Material Processing and Handling Equipment		
44 - Pollution Control Equipment		
46 - Water and Wastewater Equipment		
48 - Electric Power Generation		
Alternate		\$128.04
Trades		
Assemblies		
FMR		
MF04 Total (Without totalling components)		\$2,306.04
JOC Coefficient Standard (-33.00000%)		\$(645.32)

Priced/Non-Priced			
Total Priced Items:	7	\$2,306.04	0.00%
Total Non-Priced Items:	0	\$0.00	
	7	\$2,306.04	

Grand Total **\$1,310.20**

Estimator: Mike Durish

(13) Fire House #32

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel clerk, average Firehouse #32	Week	0.5000	\$745.00	\$372.50	RSM16eFAC L, O&P
2	01-31-13-20-0200 Field personnel project manager, average Firehouse #32 1/5 = 0.20	Week	0.2000	\$3,775.00	\$755.00	RSM16eFAC L, O&P
3	01-31-13-20-0280 Field personnel superintendent, maximum Firehouse #32 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM16eFAC L, O&P
01 - General Requirements Total					\$1,927.50	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
4	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #32 1.5*4 = 6.00	V.L.F.	6.0000	\$33.50	\$201.00	RSM16eFAC M, L, O&P
5	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #32 1.5*4 = 6.00	V.L.F.	6.0000	\$4.81	\$28.86	RSM16eFAC L, O&P
6	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #32 1.5*4 = 6.00	V.L.F.	6.0000	\$3.44	\$20.64	RSM16eFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$250.50	
Alternate						
7	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #32 1.5*4 = 6.00	V.L.F.	6.0000	\$21.34	\$128.04	CUSTOM L, O&P
Alternate Total					\$128.04	

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(13) Fire House #32

Alternate

Item Description

UM

Quantity

Unit Cost

Total

Book

Estimate Grand Total

1,310.20



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 2015-01-15-0013 - City of San Antonio Job Order Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish **(14) Fire House #34**

Division Summary (MF04)		
01 - General Requirements		\$1,927.50
02 - Existing Conditions		
03 - Concrete		
04 - Masonry		
05 - Metals		
06 - Wood, Plastics, and Composites		
07 - Thermal and Moisture Protection		
08 - Openings		
09 - Finishes		
10 - Specialties		
11 - Equipment		
12 - Furnishings		
13 - Special Construction		
14 - Conveying Equipment		
21 - Fire Suppression		
22 - Plumbing		\$313.13
23 - Heating, Ventilating, and Air-Conditioning (HVAC)		
Totalling Components		
RS Means Subtotal		\$2,400.68
RSMean's SAN ANTONIO, TX CCI 2016Q2, 84.80%		\$(364.90)
26 - Electrical		
27 - Communications		
28 - Electronic Safety and Security		
31 - Earthwork		
32 - Exterior Improvements		
33 - Utilities		
34 - Transportation		
35 - Waterway and Marine Transportation		
41 - Material Processing and Handling Equipment		
44 - Pollution Control Equipment		
46 - Water and Wastewater Equipment		
48 - Electric Power Generation		
Alternate		\$160.05
Trades		
Assemblies		
FMR		
MF04 Total (Without totalling components)		\$2,400.68
JOC Coefficient Standard (-33.0000%)		\$(671.81)

Priced/Non-Priced			
Total Priced Items:	7	\$2,400.68	0.00%
Total Non-Priced Items:	0	\$0.00	
	7	\$2,400.68	
Grand Total		\$1,363.97	

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(14) Fire House #34

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #34	Week	0.5000	\$745.00	\$372.50	RSM16eFAC L, O&P
2	01-31-13-20-0200 Field personnel, project manager, average Firehouse #34 1/5 = 0.20	Week	0.2000	\$3,775.00	\$755.00	RSM16eFAC L, O&P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #34 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM16eFAC L, O&P
01 - General Requirements Total					\$1,927.50	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
4	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #34 1.5*5 = 7.50	V.L.F.	7.5000	\$33.50	\$251.25	RSM16eFAC M, L, O&P
5	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #34 1.5*5 = 7.50	V.L.F.	7.5000	\$4.81	\$36.08	RSM16eFAC L, O&P
6	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #34 1.5*5 = 7.50	V.L.F.	7.5000	\$3.44	\$25.80	RSM16eFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$313.13	
Alternate						
7	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #34 1.5*5 = 7.50	V.L.F.	7.5000	\$21.34	\$160.05	CUSTOM L, O&P
Alternate Total					\$160.05	

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(14) Fire House #34

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
Estimate Grand Total						1,363.97



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Alpha Building Contract - First Option -
 1/15/2016 to 1/14/2017
 2015-01-15-0013 - City of San Antonio Job Order Contract -
 COSA Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish

(15) Fire House #38

Division Summary (MF04)		
01 - General Requirements		\$2,547.50
02 - Existing Conditions		
03 - Concrete		
04 - Masonry		
05 - Metals		
06 - Wood, Plastics, and Composites		
07 - Thermal and Moisture Protection		
08 - Openings		\$3,095.00
09 - Finishes		
10 - Specialties		
11 - Equipment		
12 - Furnishings		
13 - Special Construction		
14 - Conveying Equipment		
21 - Fire Suppression		
22 - Plumbing		
23 - Heating, Ventilating, and Air-Conditioning (HVAC)		\$187.88
Totalling Components		
RS Means Subtotal		\$10,289.71
RSMmeans SAN ANTONIO, TX CCI 2016Q2, 84.80%		\$(1,564.04)
26 - Electrical		
27 - Communications		
28 - Electronic Safety and Security		
31 - Earthwork		
32 - Exterior Improvements		
33 - Utilities		
34 - Transportation		
35 - Waterway and Marine Transportation		
41 - Material Processing and Handling Equipment		\$2,750.00
44 - Pollution Control Equipment		
46 - Water and Wastewater Equipment		
48 - Electric Power Generation		
Alternate		\$1,709.33
Trades		
Assemblies		
FMR		
MF04 Total (Without totalling components)		\$10,289.71
JOC Coefficient Standard (-33.00000%)		\$(2,879.47)

Priced/Non-Priced			
Total Priced Items:	13	\$10,289.71	0.00%
Total Non-Priced Items:	0	\$0.00	
	13	\$10,289.71	
Grand Total			\$5,846.20

Estimator: Mike Durish

(15) Fire House #38

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #38	Week	0.5000	\$745.00	\$372.50	RSM/teFAC L, O&P
2	01-31-13-20-0200 Field personnel, project manager, average Firehouse #38 1/5 = 0.20	Week	0.2000	\$3,775.00	\$755.00	RSM/teFAC L, O&P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #38 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM/teFAC L, O&P
4	01-54-36-50-1300 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, equipment hauled on towed trailer, 3-ton capacity Mobilize and Demobilize Firehouse #38	Ea.	2.0000	\$310.00	\$620.00	RSM/teFAC L, E, O&P
01 - General Requirements Total					\$2,547.50	
08 - Openings						
5	08-63-13-20-1060 Skylight rigid metal-framed, skylight framing is aluminum, fixed tempered glass, curb mount, 25-1/2" x 49-1/2" Nearest Line Item for 22x48 skylight Firehouse #38	Ea.	1.0000	\$650.00	\$650.00	RSM/teFAC M, L, O&P
6	08-63-13-20-1070 Skylight rigid metal-framed, skylight framing is aluminum, fixed tempered glass, curb mount, 25-1/2" x 73-1/2" Nearest line item for 40x60 skylights Firehouse #38	Ea.	3.0000	\$815.00	\$2,445.00	RSM/teFAC M, L, O&P
08 - Openings Total					\$3,095.00	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
7	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #38 1.5*3 = 4.50	V.L.F.	4.5000	\$33.50	\$150.75	RSM/teFAC M, L, O&P
8	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #38 1.5*3 = 4.50	V.L.F.	4.5000	\$4.81	\$21.65	RSM/teFAC L, O&P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(15) Fire House #38

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

Item	Description	UM	Quantity	Unit Cost	Total	Book
9	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #38 1.5*3 = 4.50	V.L.F.	4.5000	\$3.44	\$15.48	RSM/BEFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total						\$187.88

41 - Material Processing and Handling Equipment

10	41-22-23-10-2100 Material handling, hoists, electric overhead, chain, hook hung, 15' lift, 1 ton capacity Hoist to bring material on and off roof. Firehouse #38	Ea.	1.0000	\$2,750.00	\$2,750.00	RSM/BEFAC M, O&P
41 - Material Processing and Handling Equipment Total						\$2,750.00

Alternate

11	08-63-13-20-1060 Demo - Skylight rigid metal-framed, skylight framing is aluminum, fixed tempered Ea. glass, curb mount, 25-1/2" x 49-1/2" Nearest Line item to demo existing 22x48 skylight Firehouse #38		1.0000	\$405.80	\$405.80	CUSTOM L, O&P
12	08-63-13-20-1070 Demo - Skylight rigid metal-framed, skylight framing is aluminum, fixed tempered Ea. glass, curb mount, 25-1/2" x 73-1/2" Nearest line item to demo existing 40x60 skylights Firehouse #38		3.0000	\$402.50	\$1,207.50	CUSTOM L, O&P
13	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #38	V.L.F.	4.5000	\$21.34	\$96.03	CUSTOM L, O&P
1.5*3 = 4.50						
Alternate Total						\$1,709.33

Estimate Grand Total **5,846.20**



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hall Damage - 4211-RFP-160817-01

Estimator: Mike Durish

(16) Fire Station #39

Division Summary (MF04)		
01 - General Requirements		\$1,927.50
02 - Existing Conditions		
03 - Concrete		
04 - Masonry		
05 - Metals		
06 - Wood, Plastics, and Composites		
07 - Thermal and Moisture Protection		
08 - Openings		
09 - Finishes		
10 - Specialties		
11 - Equipment		
12 - Furnishings		
13 - Special Construction		
14 - Conveying Equipment		
21 - Fire Suppression		
22 - Plumbing		
23 - Heating, Ventilating, and Air-Conditioning (HVAC)		\$187.88
Totalling Components		
RS Means Subtotal		\$2,211.41
RSMean SAN ANTONIO, TX CCI 2016Q2, 84.80%		\$(336.13)
26 - Electrical		
27 - Communications		
28 - Electronic Safety and Security		
31 - Earthwork		
32 - Exterior Improvements		
33 - Utilities		
34 - Transportation		
35 - Waterway and Marine Transportation		
41 - Material Processing and Handling Equipment		
44 - Pollution Control Equipment		
46 - Water and Wastewater Equipment		
48 - Electric Power Generation		\$96.03
Alternate		
Trades		
Assemblies		
FMR		
MF04 Total (Without totalling components)		\$2,211.41
JOC Coefficient Standard (-33.0000%)		\$(618.84)

Priced/Non-Priced		
Total Priced Items:	7	\$2,211.41
Total Non-Priced Items:	0	\$0.00
	7	\$2,211.41
Grand Total		\$1,256.44

Estimator: Mike Durish

(16) Fire Station #39

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #39	Week	0.5000	\$745.00	\$372.50	RSM16eFAC L, O&P
2	01-31-13-20-0200 Field personnel, project manager, average Firehouse #39 1/5 = 0.20	Week	0.2000	\$3,775.00	\$755.00	RSM16eFAC L, O&P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #39 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM16eFAC L, O&P
01 - General Requirements Total					\$1,927.50	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
4	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #39 1.5*3 = 4.50	V.L.F.	4.5000	\$33.50	\$150.75	RSM16eFAC M, L, O&P
5	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #39 1.5*3 = 4.50	V.L.F.	4.5000	\$4.81	\$21.65	RSM16eFAC L, O&P
6	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #39 1.5*3 = 4.50	V.L.F.	4.5000	\$3.44	\$15.48	RSM16eFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$187.88	
Alternate						
7	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #39 1.5*3 = 4.50	V.L.F.	4.5000	\$21.34	\$96.03	CUSTOM L, O&P
Alternate Total					\$96.03	

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(16) Fire Station #39

Alternate

Item Description

UM Quantity Unit Cost Total Book

Estimate Grand Total 1,256.44



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish

(17) Fire House #41

Division Summary (MF04)

01 - General Requirements	\$1,792.50	26 - Electrical	
02 - Existing Conditions		27 - Communications	
03 - Concrete		28 - Electronic Safety and Security	
04 - Masonry		31 - Earthwork	
05 - Metals		32 - Exterior Improvements	
06 - Wood, Plastics, and Composites		33 - Utilities	
07 - Thermal and Moisture Protection		34 - Transportation	
08 - Openings		35 - Waterway and Marine Transportation	
09 - Finishes		41 - Material Processing and Handling Equipment	\$3,875.00
10 - Specialties		44 - Pollution Control Equipment	
11 - Equipment		46 - Water and Wastewater Equipment	
12 - Furnishings		48 - Electric Power Generation	
13 - Special Construction		Alternate	\$1,957.40
14 - Conveying Equipment		Trades	
21 - Fire Suppression		Assemblies	
22 - Plumbing		FMR	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$5,726.50	MF04 Total (Without totalling components)	\$13,351.40
Totalling Components		JOC Coefficient Standard (-33.0000%)	\$3,736.26
RS Means Subtotal	\$13,351.40		
RSMMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%	\$(2,029.41)		

Priced/Non-Priced	
Total Priced Items:	12
Total Non-Priced Items:	0
	\$13,351.40
	\$0.00
	0.00%
	12
	\$13,351.40
Grand Total	\$7,585.73

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(17) Fire House #41

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Fire Station #41	Week	0.5000	\$745.00	\$372.50	RSM16eFAC L, O&P P
2	01-31-13-20-0220 Field personnel, project manager, maximum Fire Station #41	Week	0.0000	\$4,325.00		RSM16eFAC L, O&P P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Fire Station #41 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM16eFAC L, O&P P
4	01-54-36-50-1300 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, equipment hauled on towed trailer, 3-ton capacity Mobilize and Demobilize Fire Station #41	Ea.	2.0000	\$310.00	\$620.00	RSM16eFAC L, E, O&P P
01 - General Requirements Total						
					\$1,792.50	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
5	23-82-16-10-1000 Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long Fire Station #41 New coils	Ea.	1.0000	\$5,525.00	\$5,525.00	RSM16eFAC M, L, O&P P
6	23-82-16-10-1000-1160 Labor adjustment factors, add to labor for elevated installation, above floor level, 30' to 34.5' high (Modified using 22-01-02-20-1160) Fire Station #41	Ea.	1.0000	\$124.00	\$124.00	RSM16eFAC L, O&P P
7	23-82-16-10-1000-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) Fire Station #41	Ea.	1.0000	\$77.50	\$77.50	RSM16eFAC L, O&P P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total						
					\$5,726.50	
41 - Material Processing and Handling Equipment						
8	41-22-23-10-1500 Material handling, cranes, portable hydraulic, floor type, 2,000 lbs. capacity Hoist to bring material on and off roof. Fire Station #41	Ea.	1.0000	\$3,875.00	\$3,875.00	RSM16eFAC M, O&P P
41 - Material Processing and Handling Equipment Total						
					\$3,875.00	

Alternate

9	23-82-16-10-1000 Demo - Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long Fire Station #41	Ea.	1.0000	\$492.50	\$492.50	CUSTOM L, O&P P
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Estimator: Mike Durish

(17) Fire House #41

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
10	Crew L-04 Demo existing coils L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	Daily	0.2500	\$1,768.40	\$442.10	CUSTOM L, O&P
11	Crew Q-02 LABOR USED TO HOIST COILS ON AND OFF ROOF Fire Station #41 Crew Details: Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily: 1293.6 Code: HELP Description: Helpers Average (5 trades) Qty: 1 Hourly: 59.35 Daily: 474.8	Daily	0.2500	\$2,067.44	\$516.86	CUSTOM L, O&P
12	Crew Q-10 LABOR USED TO COMB COIL FINS ON HAVC UNITS Fire Station #41 Crew Details: Code: SHEE Description: Sheet Metal Workers Qty: 2 Hourly: 90.35 Daily: 1445.6 Code: SHEE Description: Sheet Metal Workers (Apprentice) Qty: 1 Hourly: 72.27 Daily: 578.16	Daily	0.2500	\$2,023.76	\$505.94	CUSTOM L, O&P
Alternate Total						\$1,957.40

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(17) Fire House #41

Item	Description	UM	Quantity	Unit Cost	Total	Book
Estimate Grand Total						7,585.73



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 2015-01-15-0013 - City of San Antonio Job Order Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish
(18) Fire House #42

Division Summary (MF04)		\$1,792.50
01 - General Requirements		
02 - Existing Conditions		
03 - Concrete		
04 - Masonry		
05 - Metals		
06 - Wood, Plastics, and Composites		
07 - Thermal and Moisture Protection		
08 - Openings		
09 - Finishes		
10 - Specialties		
11 - Equipment		
12 - Furnishings		
13 - Special Construction		
14 - Conveying Equipment		
21 - Fire Suppression		
22 - Plumbing		
23 - Heating, Ventilating, and Air-Conditioning (HVAC)		\$11,766.13
Totalling Components		
RS Means Subtotal		\$21,530.32
RSMean SAN ANTONIO, TX CCI 2016Q2, 84.80%		\$(3,272.61)

26 - Electrical		
27 - Communications		
28 - Electronic Safety and Security		
31 - Earthwork		
32 - Exterior Improvements		
33 - Utilities		
34 - Transportation		
35 - Waterway and Marine Transportation		
41 - Material Processing and Handling Equipment		\$3,875.00
44 - Pollution Control Equipment		
46 - Water and Wastewater Equipment		
48 - Electric Power Generation		
Alternate		\$4,096.69
Trades		
Assemblies		
F/M/R		
MF04 Total (Without totalling components)		\$21,530.32
JOC Coefficient Standard (-33.0000%)		\$(6,025.04)

Priced/Non-Priced			
Total Priced Items:	14	\$21,530.32	
Total Non-Priced Items:	0	\$0.00	0.00%
	14	\$21,530.32	

Grand Total \$12,232.67

Estimator: Mike Durish

(18) Fire House #42

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Firehouse #42	Week	0.5000	\$745.00	\$372.50	RSM16eFAC L, O&P
2	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #42 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM16eFAC L, O&P
3	01-54-36-50-1300 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, equipment hauled on towed trailer, 3-ton capacity Mobilize and Demobilize Firehouse #42	Ea.	2.0000	\$310.00	\$620.00	RSM16eFAC L, E, O&P
01 - General Requirements Total						\$1,792.50
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
4	23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter New Gas Vents Firehouse #42 1.5*5 = 7.50	V.L.F.	7.5000	\$33.50	\$251.25	RSM16eFAC M, L, O&P
5	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #42 1.5*5 = 7.50	V.L.F.	7.5000	\$4.81	\$36.08	RSM16eFAC L, O&P
6	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #42 1.5*5 = 7.50	V.L.F.	7.5000	\$3.44	\$25.80	RSM16eFAC L, O&P
7	23-82-16-10-1000 Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long Firehouse #42 New coils	Ea.	2.0000	\$5,525.00	\$11,050.00	RSM16eFAC M, L, O&P
8	23-82-16-10-1000-1160 Labor adjustment factors, add to labor for elevated installation, above floor level, 30' to 34.5' high (Modified using 22-01-02-20-1160) Firehouse #42	Ea.	2.0000	\$124.00	\$248.00	RSM16eFAC L, O&P
9	23-82-16-10-1000-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) Firehouse #42	Ea.	2.0000	\$77.50	\$155.00	RSM16eFAC L, O&P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(18) Fire House #42

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

Item	Description	UM	Quantity	Unit Cost	Total	Book
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23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total

\$11,766.13

41 - Material Processing and Handling Equipment

10	41-22-23-10-1500 Material handling, cranes, portable hydraulic, floor type, 2,000 lbs. capacity Hoist to bring material on and off roof. Firehouse #42	Ea.	1.0000	\$3,875.00	\$3,875.00	RSMrefAC M, O&P	P
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41 - Material Processing and Handling Equipment Total

\$3,875.00

Alternate

11	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #42	V.L.F.	7.5000	\$21.34	\$160.05	CUSTOM L, O&P	P
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1.5*5 = 7.50

12	23-82-16-10-1000 Demo - Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long Firehouse #42 Demo existing coils	Ea.	2.0000	\$492.50	\$985.00	CUSTOM L, O&P	P
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13	Crew L-04 L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities Labor Hours: 24 Equip Hours: 0 Daily Hours: 24 LABOR USED TO HOIST COILS ON AND OFF ROOF Firehouse #42	Daily	0.5000	\$1,768.40	\$884.20	CUSTOM L, O&P	P
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Crew Details:
Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily: 1293.6
Code: HELP Description: Helpers Average (5 trades) Qty: 1 Hourly: 59.35 Daily: 474.8

14	Crew Q-02 Q-02 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Q-02 (2016 - RSMMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24 LABOR TO INSTALL COILS Firehouse #42	Daily	1.0000	\$2,067.44	\$2,067.44	CUSTOM L, O&P	P
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Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(18) Fire House #42

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
Crew Details:						
	Code: PL UM Description: Plumbers Qty: 2 Hourly: 92.3 Daily: 1476.8					
	Code: PL UM Description: Plumbers (Apprentice) Qty: 1 Hourly: 73.83 Daily: 590.64					

Alternate Total

\$4,096.69

Estimate Grand Total

12,232.67



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Alpha Building Corporation
 2015-01-15-0013 - City of San Antonio Job Order Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hall Damage - 4211-RFP-160817-01

Estimator: Mike Durish

(19) Bob Ross Community Center

Division Summary (MF04)	
01 - General Requirements	\$9,690.00
02 - Existing Conditions	\$625.00
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	\$12,454.50
08 - Openings	
09 - Finishes	
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	
Totalling Components	
RS Means Subtotal	\$39,194.82
RSMMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%	\$(5,957.61)

26 - Electrical	
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	
32 - Exterior Improvements	
33 - Utilities	
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	\$4,425.00
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	
Alternate	\$12,000.32
Trades	
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$39,194.82
JOC Coefficient Standard (-33.00000%)	\$(10,966.28)

Priced/Non-Priced			
Total Priced Items:	12	\$39,194.82	
Total Non-Priced Items:	0	\$0.00	0.00%
	12	\$39,194.82	
Grand Total			\$22,268.93

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(19) Bob Ross Community Center

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Bob Ross	Week	1.0000	\$745.00	\$745.00	RSM16eFAC L, O&P P
2	01-31-13-20-0220 Field personnel, project manager, maximum Bob Ross	Week	1.0000	\$4,325.00	\$4,325.00	RSM16eFAC L, O&P P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Bob Ross	Week	1.0000	\$4,000.00	\$4,000.00	RSM16eFAC L, O&P P
4	01-54-36-50-1300 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, equipment hauled on towed trailer, 3-ton capacity Mobilize and Demobilize Bob Ross	Ea.	2.0000	\$310.00	\$620.00	RSM16eFAC L, E, O&P P
01 - General Requirements Total					\$9,690.00	
02 - Existing Conditions						
5	02-41-19-19-0725 Selective demolition, rubbish handling, the following are to be added to the demolition prices. Dumpster, weekly rental, includes one dump per week, 20 C.Y. capacity, 5 tons Dumpster Bob Ross	Week	1.0000	\$625.00	\$625.00	RSM16eFAC M, O&P P
02 - Existing Conditions Total					\$625.00	
07 - Thermal and Moisture Protection						
6	07-41-33-10-0700 Fiberglass panels, corrugated siding, fire retardant, 12 ounces per S.F. New Roof Panels Bob Ross	S.F.	1,600.0000	\$7.55	\$12,080.00	RSM16eFAC M, L, O&P P
7	07-42-13-20-3400 Aluminum siding panels, screw fasteners, aluminum, self tapping, neoprene washer, 1" long Screws for fiberglass panels Bob Ross	M	1.0000	\$231.00	\$231.00	RSM16eFAC M, O&P P
8	07-42-13-20-3670 Aluminum siding panels, closure strips, corrugated, .032" thick Nearest line item for corrugated foam end closures Bob Ross	L.F.	35.0000	\$4.10	\$143.50	RSM16eFAC M, L, O&P P
07 - Thermal and Moisture Protection Total					\$12,454.50	
41 - Material Processing and Handling Equipment						
9	41-22-23-10-1600 Material handling, cranes, portable hydraulic, floor type, 4,000 lbs. capacity	Ea.	1.0000	\$4,425.00	\$4,425.00	RSM16eFAC M, O&P P

Estimator: Mike Durish

(19) Bob Ross Community Center

41 - Material Processing and Handling Equipment

Item	Description	UM	Quantity	Unit Cost	Total	Book
	Hoist to hoist material to roof Bob Ross					

41 - Material Processing and Handling Equipment Total

\$4,425.00

Alternate

10	07-41-33-10-0700					
	Demo - Fiberglass panels, corrugated siding, fire retardant, 12 ounces per S.F.	S.F.	1,600.0000	\$2.76	\$4,416.00	CUSTOM
	Demo existing Roof Panels					L, O&P
	Bob Ross					

11	Crew L-04					
	L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P	Daily	2.0000	\$1,768.40	\$3,536.80	CUSTOM
	L-04 (2016 - RSMMeans Repair and Remodling and Facilities)					L, O&P
	Labor Hours: 24					
	Equip Hours: 0					
	Daily Hours: 24					

LABOR USED TO LOAD AND UNLOAD ROOF
Bob Ross

Crew Details:
Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily: 1293.6
Code: HELP Description: Helpers Average (5 trades) Qty: 1 Hourly: 59.35 Daily: 474.8

12	Crew Q-10					
	Q-10 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P	Daily	2.0000	\$2,023.76	\$4,047.52	CUSTOM
	Q-10 (2016 - RSMMeans Repair and Remodling and Facilities)					L, O&P
	Labor Hours: 24					
	Equip Hours: 0					
	Daily Hours: 24					

LABOR USED TO COMB COIL FINS ON HAVC UNITS
Bob Ross

Crew Details:
Code: SHEE Description: Sheet Metal Workers Qty: 2 Hourly: 90.35 Daily: 1445.6
Code: SHEE Description: Sheet Metal Workers (Apprentice) Qty: 1 Hourly: 72.27 Daily: 578.16

Alternate Total

\$12,000.32

Estimate Grand Total

22,268.93



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hall Damage - 4211-RFP-160817-01

Estimator: Mike Durish (20) ITDS

Division Summary (MF04) \$1,792.50

01 - General Requirements	\$1,792.50
02 - Existing Conditions	
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	
09 - Finishes	
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$5,726.50
Totalling Components	
RS Means Subtotal	\$15,722.34
RSMean's SAN ANTONIO, TX CCI 2016Q2, 84.80%	\$(2,389.80)

26 - Electrical	
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	
32 - Exterior Improvements	
33 - Utilities	
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	\$3,875.00
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	
Alternate	\$4,328.34
Trades	
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$15,722.34
JOC Coefficient Standard (-33.0000%)	\$(4,399.74)

Priced/Non-Priced	
Total Priced Items:	10
Total Non-Priced Items:	0
	\$15,722.34
	\$0.00
	0.00%
	10
	\$15,722.34

Grand Total \$8,932.80

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(20) ITDS

Item	Description	UM	Quantity	Unit Cost	Total	Book
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01 - General Requirements

1	01-31-13-20-0020 Field personnel, clerk, average ITSD/ Police HQ	Week	0.5000	\$745.00	\$372.50	RSM16eFAC L, O&P
2	01-31-13-20-0280 Field personnel, superintendent, maximum ITSD/ Police HQ 1/5 = 0.20	Week	0.2000	\$4,000.00	\$800.00	RSM16eFAC L, O&P
3	01-54-36-50-1300 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, equipment hauled on towed trailer, 3-ton capacity Mobilize and Demobilize ITSD/ Police HQ	Ea.	2.0000	\$310.00	\$620.00	RSM16eFAC L, E, O&P
01 - General Requirements Total					\$1,792.50	

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

4	23-82-16-10-1000 Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long ITSD/ Police HQ New coil	Ea.	1.0000	\$5,525.00	\$5,525.00	RSM16eFAC M, L, O&P
5	23-82-16-10-1000-1160 Labor adjustment factors, add to labor for elevated installation, above floor level, 30' to 34.5' high (Modified using 22-01-02-20-1160) ITSD/ Police HQ	Ea.	1.0000	\$124.00	\$124.00	RSM16eFAC L, O&P
6	23-82-16-10-1000-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) ITSD/ Police HQ	Ea.	1.0000	\$77.50	\$77.50	RSM16eFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$5,726.50	

41 - Material Processing and Handling Equipment

7	41-22-23-10-1500 Material handling, cranes, portable hydraulic, floor type, 2,000 lbs. capacity Hoist to bring material on and off roof. ITSD/ Police HQ	Ea.	1.0000	\$3,875.00	\$3,875.00	RSM16eFAC M, O&P
41 - Material Processing and Handling Equipment Total					\$3,875.00	

Alternate

8	23-82-16-10-1000 Demo - Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long ITSD/ Police HQ Demo existing coil	Ea.	1.0000	\$492.50	\$492.50	CUSTOM L, O&P
9	Crew L-04 L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P	Daily	1.0000	\$1,768.40	\$1,768.40	CUSTOM L, O&P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(20) ITDS

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book	
10	Crew Q-02 Q-02 (2016 - RSMMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24 LABOR USED TO HOIST COILS ON AND OFF ROOF ITSD/Police HQ Crew Details: Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily: 1293.6 Code: HELP Description: Helpers Average (5 trades) Qty: 1 Hourly: 59.35 Daily: 474.8 Q-02 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P Labor Hours: 24 Equip Hours: 0 Daily Hours: 24 LABOR TO INSTALL COILS ITSD/Police HQ Crew Details: Code: PLUM Description: Plumbers Qty: 2 Hourly: 92.3 Daily: 1476.8 Code: PLUM Description: Plumbers (Apprentice) Qty: 1 Hourly: 73.83 Daily: 590.64	Daily	1.0000	\$2,067.44	\$2,067.44	CUSTOM L1 O&P	P
Alternate Total						\$4,328.34	

Estimate Grand Total

8,932.80



Final Estimate
 Alpha Building Corporation-Mike Durish
 Alpha Building Corporation
 Alpha Building Corporation
 Contract - First Option -
 1/15/2016 to 1/14/2017
 COSA Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish

(21) Municipal Records

Division Summary (MF04)	
01 - General Requirements	\$9,690.00
02 - Existing Conditions	\$625.00
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	
09 - Finishes	
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$28,632.50
Totalling Components	
RS Means Subtotal	\$70,535.48
RSMears SAN ANTONIO, TX CCI 2016Q2, 84.80%	\$(10,721.39)

26 - Electrical	
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	
32 - Exterior Improvements	
33 - Utilities	
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	\$3,875.00
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	
Alternate	\$27,712.98
Trades	
Assemblies	
FMR	
MF04 Total (Without totalling components)	\$70,535.48
JOC Coefficient Standard (-33.00000%)	\$(19,738.65)

Priced/Non-Priced			
Total Priced Items:	13	\$70,535.48	
Total Non-Priced Items:	0	\$0.00	0.00%
	13	\$70,535.48	

Grand Total \$40,075.44

Estimator: Mike Durish

(21) Municipal Records

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0020 Field personnel, clerk, average Municipal Records	Week	1.0000	\$745.00	\$745.00	RSM/teFAC L, O&P
2	01-31-13-20-0220 Field personnel, project manager, maximum Municipal Records	Week	1.0000	\$4,325.00	\$4,325.00	RSM/teFAC L, O&P
3	01-31-13-20-0280 Field personnel, superintendent, maximum Municipal Records	Week	1.0000	\$4,000.00	\$4,000.00	RSM/teFAC L, O&P
4	01-54-36-50-1300 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, equipment hauled on towed trailer, 3-ton capacity Mobilize and Demobilize Municipal Records	Ea.	2.0000	\$310.00	\$620.00	RSM/teFAC L, E, O&P
01 - General Requirements Total					\$9,690.00	
02 - Existing Conditions						
5	02-41-19-19-0725 Selective demolition, rubbish handling, the following are to be added to the demolition prices. Dumpster, weekly rental, includes one dump per week, 20 C.Y. capacity, 5 tons Dumpster Municipal Records	Week	1.0000	\$625.00	\$625.00	RSM/teFAC M, O&P
02 - Existing Conditions Total					\$625.00	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)						
6	23-82-16-10-1000 Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long Municipal Records New coils	Ea.	5.0000	\$5,525.00	\$27,625.00	RSM/teFAC M, L, O&P
7	23-82-16-10-1000-1160 Labor adjustment factors, add to labor for elevated installation, above floor level, 30' to 34.5' high (Modified using 22-01-02-20-1160) Municipal Records	Ea.	5.0000	\$124.00	\$620.00	RSM/teFAC L, O&P
8	23-82-16-10-1000-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, office building (Modified using 22-01-02-20-4140) Municipal Records	Ea.	5.0000	\$77.50	\$387.50	RSM/teFAC L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$28,632.50	
41 - Material Processing and Handling Equipment						
9	41-22-23-10-1500 Material handling, cranes, portable hydraulic, floor type, 2,000 lbs. capacity Hoist to bring material on and off roof.	Ea.	1.0000	\$3,875.00	\$3,875.00	RSM/teFAC M, O&P

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(21) Municipal Records

41 - Material Processing and Handling Equipment

Item Description

UM Quantity Unit Cost Total Book

Municipal Records

41 - Material Processing and Handling Equipment Total

\$3,875.00

Alternate

10 23-82-16-10-1000

Demo - Flanged coils, direct expansion cooling; 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long
Municipal Records
Demo existing coils

Ea. 5.0000 \$492.50 \$2,462.50
CUSTOM L, O&P

P

11 Crew L-04

L-04 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P
L-04 (2016 - RSMMeans Repair and Remodling and Facilities)
Labor Hours: 24
Equip Hours: 0
Daily Hours: 24

Daily 5.0000 \$1,768.40 \$8,842.00
CUSTOM L, O&P

P

LABOR USED TO HOIST COILS ON AND OFF ROOF
Municipal Records

Crew Details:
Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily: 1293.6
Code: HELP Description: Helpers Average (5 trades) Qty: 1 Hourly: 59.35 Daily: 474.8

12 Crew Q-02

Q-02 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P
Q-02 (2016 - RSMMeans Repair and Remodling and Facilities)
Labor Hours: 24
Equip Hours: 0
Daily Hours: 24

Daily 5.0000 \$2,067.44 \$10,337.20
CUSTOM L, O&P

P

LABOR TO INSTALL COILS
Municipal Records

Crew Details:
Code: PLUM Description: Plumbers Qty: 2 Hourly: 92.3 Daily: 1476.8
Code: PLUM Description: Plumbers (Apprentice) Qty: 1 Hourly: 73.83 Daily: 590.64

13 Crew Q-10

Q-10 Crew - 2016 - RSMMeans Repair and Remodling and Facilities O&P
Q-10 (2016 - RSMMeans Repair and Remodling and Facilities)
Labor Hours: 24
Equip Hours: 0
Daily Hours: 24

Daily 3.0000 \$2,023.76 \$6,071.28
CUSTOM L, O&P

P

LABOR USED TO COMB COIL FINNS ON HAVC UNITS
Municipal Records

Alpha Building Corporation

Final Estimate

Estimator: Mike Durish

(21) Municipal Records

Alternate

Item	Description	UM	Quantity	Unit Cost	Total	Book
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Crew Details:
Code: SHEE Description: Sheet Metal Workers Qty: 2 Hourly: 90.35 Daily: 1445.6
Code: SHEE Description: Sheet Metal Workers (Apprentice) Qty: 1 Hourly: 72.27 Daily: 578.16

Alternate Total

\$27,712.98

Estimate Grand Total

40,075.44