

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: RFP No.:

Alpha Building Corporation

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 <u>Request for Proposal</u> 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.

C 1 1 1	0004466
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
 \$ 8,585.65

 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 1/2" 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 $\frac{1}{2}$ " 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 skylghts 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 Maltsberger

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



Alpha Building Corporation-Mike Durish
Alpha Building Corporation
2015-01-15-0013 - City of San Antonio Job Order Contract - First Option -

COSA Hail Damage - 4211-RFP-160817-01

1/15/2016 to 1/14/2017

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\$82,501.79 \$31,650.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 44 - Pollution Control Equipment 46 - Water and Wastewalter Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR \$354,066.32 \$(53,818.08) Priced/Non-Priced Total Priced Items: 51 5354,067 5354,067 5354 53554,067 53554 53554 53564 53665 536	\$354,066.32	51		
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\$62,501.79 \$31,650.00 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components)	\$(99.081.92)	JOC Coefficient Standa	\$354,066.32	RS Means Subtotal
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MF04) \$62,501.79 \$6. Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 45 - Water and Wastewater Equipment 46 - Electric Power Generation Alternate Trades Assemblies	\$354 066 32		\$1,130.00	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
MF04) \$52,501.79 \$52,501.79 \$26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 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 Trades		94077	92	21 - Fire Suppression
MF04) \$62,501.79 \$531,650.00 28 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 32 - Utilities 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		14 - Conveying Equipment
MF04) \$62,501.79 \$31,650.00 28 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Utilities 33 - Utilities 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation	\$102,364.82	Alternate		13 - Special Construction
wF04) \$62,501.79 \$31,650.00 28 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 31 - Earthwork 32 - Utilities 33 - Utilities 33 - Utilities 34 - Transportation 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment		48 - Electric Power Generation		12 - Furnishings
wF04) \$62,501.79 \$31,650.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 31 - Exterior Improvements 32 - Utilities 33 - Utilities 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment		46 - Water and Wastewater Equipment		11 - Equipment
WF04) \$62,501.79 26 - Electrical ants \$31,650.00 27 - Communications 28 - Electronic Safety and Security 28 - Electronic Improvements 31 - Earthwork 32 - Exterior Improvements 32 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment		44 - Pollution Control Equipment		10 - Specialties
## 1	\$21,800.00	41 - Material Processing and Handling Equipment		09 - Finishes
WF04) \$62,501.79 26 - Electrical ants \$31,650.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation		35 - Waterway and Mar	\$9,100.00	08 - Openings
WF04) \$62,501.79 26 - Electrical ants \$31,650.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities			\$125,519.71	07 - Thermal and Moisture Protection
WF04) \$62,501.79 26 - Electrical ants \$31,650.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements				06 - Wood, Plastics, and Composites
WF04) \$62,501.79 \$62,501.79 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork		32 - Exterior Improvements		05 - Metals
WF04) \$62,501.79 \$62,501.79 26 - Electrical onts \$31,650.00 27 - Communications 28 - Electronic Safety and Security	95 (31 - Earthwork		04 - Masonry
WF04) \$62,501.79 26 - Electrical		28 - Electronic Safety and Security		03 - Concrete
WF04) \$62,501.79 26 - Electrical		27 - Communications	\$31,650.00	02 - Existing Conditions
			\$62,501.79	01 - General Requirements
				Division Summary (MF04)
	(01) Cody Library			Estimator: Mike Durish

02 - E 10 02:		9 01	8 01	7 01	6 01	5 01	4 01	3 01	2 01	01 - G	_	Estir
Existing Conditions 02-41-19-19-0840		01-74-13-20-0052	01-74-13-20-0040	01-54-36-50-1300	01-54-33-40-2050-4	01-31-13-20-0280	01-31-13-20-0200	01-31-13-20-0020	01-21-53-50-2300-M	- General Requirements 01-21-53-50-2300-L Factor require Line item Cody Roo	Item	Estimator: Mike Durish
lective demolition, rubbish handling, the following are to be added to the molition prices. Dumpster, weekly rental, includes one dump per week, 40 Y. capacity, 10 tons	01 - General Requirements Total	Cleaning up, cleanup of floor area, continuous, per day, during construction Daily Clean Up Tobin Library 13980*.04*5/10 = 279.60	Cleaning up, after job completion, allow, maximum FinalClean Cody Library	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	Rent per month for general equipment rental, without operators, forklift, for rough terrain, 42' lift, 35' reach, 9000 lbs., 110 H.P. Codys Library Forklift for 1 month	Field personnel, superintendent, maximum Cody Library	Field personnel, project manager, average Cody Library	Field personnel, clerk, average Cody Library	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	rements 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	Description	urish
Week		M.S.F.	Job	ë H	ы ü	Week	Week	Week	Costs	Costs	MU	
15.0000		279.6000	200,000.0000	4.0000	1.0000	4.0000	1.0000	1.0000	72,107.0000	216,959.0000	Quantity	
\$850.00		\$77.00	1.0000%	\$310.00	\$4,922.50	\$4,000.00	\$3,775.00	\$745.00	2.0000%	5.0000%	Unit Cost	
\$12,750.00 RSM16eFAC M, O&P	₩.	\$21,529.20 RSM16eFAC M, L, E, O&P	\$2,000.00 RSM16eFAC	\$1,240.00 RSM16eFAC L, E, O&P	\$4,922.50 RSM16eFAC E, O&P	\$16,000.00 RSM16eFAC L, O&P	\$3,775.00 RSM16eFAC L, O&P	\$745.00 RSM16eFAC L, O&P	\$1,442.14 RSM16eFAC M, O&P	\$10,847.95 RSM16eFAC L. O&P	Total Book	(01) Cody Library
, XA	\$62,501.79	0%P P	FAC P	sp P	AC P	ac p	ac p	ac p	P P	ac P	×	Library

						5	
m	Estimator: Mike Durish	urish				(01) Cod	(01) Cody Library
02 -	02 - Existing Conditions			:			
=	02-41-19-19-3000	emolition, rubbish handling, the following are to be added to the	C.Y. 300.0000		-	- 교	16eFAC P
		demolition prices. Loading and trucking, including 2 mile haul, chute loaded Cody Library $15^{\circ}20 = 300.00$				īu ī	O&P
		02 - Existing Conditions Total					\$31,650.00
07	- Thermal and N	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	3.F. 5,581.8000		\$0.64 \$	\$3,572.35 RSM16eFAC L, O&P	16eFAC P
ದ	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	3.F. 5,581.8000		\$0.64 \$	\$3,572.35 RSM16eFAC L. O&P	0&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	5,581.8000		\$0.64 \$	\$3,572.35 RSM16eFAC L, O&P	16eFAC 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	3.F. 8,398.3100		\$2.81 \$2	\$23,599.25 RSM16eFAC L, O&P	NEP
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	5,581.8000		\$2.81 \$1	\$15,684.86 RSM16eFAC L. O&P	16eFAC 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	16eFAC P

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21	07-22-16-10-1700
22	07-22-16-10-1700
23	07-22-16-10-1715
24	07-22-16-10-3020

1						
3 [CSUITIBLOT. WINE DUTISH	Collection				(01) Cody Library
	Item	Description	OM	Quantity	Unit Cost	Total Book
		Cody Library 5581.8/32*12 = 2,093.18				
25	07-22-16-10-3020	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 RSM16eFAC 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 RSM16eFAC 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]	ά	55.8180	\$208.00	\$11,610.14 RSM16eFAC 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 RSM16eFAC 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.E.	190.0000	\$10.40	\$1,976.00 RSM16eFAC 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	LE	187.1100	\$10.40	\$1,945.94 RSM16eFAC 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 RSM16eFAC P

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5	60.40					08 - Openings Total		
						Roof Area 2,3 & 4 Cody Library		Î
ן ס	\$5,200.00 RSM16eFAC M, L, O&P		\$650.00	8.0000	E a	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	08-63-13-20-1060	37
					=	Roof Area 1 Cody Library		Ī
ס	\$3,900.00 RSM16eFAC M, L, O&P		\$650.00	6.0000	ы Ш	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	3 - Openings 08-63-13-20-1060	08
19.71	\$125,519.71					07 - Thermal and Moisture Protection Total		
	м, г. О&Р					Backer Rod Roof Area 1 Cody Library		1
٥	\$72.16 RSM16eFAC		\$1.44	50.1100	LF	Backer rods, backer rod, polyethylene, 1" diameter	5 07-91-23-10-0092	35
ا ه	\$183.00 RSM169FAC M, L, O&P		\$30.50	6.0000	Ea. d Pockets	Pitch pockets, variable sizes, adjustable, 4" to 7", welded corners, 4" deep Ea. Nearest Line Item for 12"x12" Pitch Pans, 12"x24" Pitch Pans and 6&8" Pre-Molded Pockets Roof Area 1 Cody Library	1 07-72-73-10-0100	34
o o	\$255.00 RSM16eFAC M, L, O&P		\$51.00	5.0000	E a	Rubber sheet flashing and counterflashing, EPDM 90 mils, 4" diameter pipe flashing Pipe Flashing Roof Area 1 Cody Library	3 07-65-23-10-4840	33
						Roof Area 2,3 & 4 Cody Library 478.52*1.50 = 717.78		İ
ן ס	\$2,160.52 RSM16eFAC M, L, O&P		\$3.01	717.7800	S.F	Plastic sheet flashing and counter flashing, polyvinyl chloride, black, 60 mil 18" Base Flashing 478.52lf	2 07-65-19-10-7700	32
	Total Book		Unit Cost	Quantity	C M	Description	Item	
						ture Protection	07 - Thermal and Moisture Protection	07
ary	(01) Cody Library	(0				Durish	Estimator: Mike Durish	m

22 - Plumbing

Es	Estimator: Mike Durish	urish				(01) Co	(01) Cody Library	~
22 - 1	22 - Plumbing							
	Item	Description	OM Or	Quantity	Unit Cost	Total	Book	
38	22-05-29-10-3330	Hangers and supports for plumb'g/HVAC pipé/equip., saddles, excluding vertical pipe riser, usually 3" diameter, pipe support, complete, adjustable, cast iron saddle, type 36, 3" pipe size Pipe Supports Roof Area 1 Cody Library	Ea.	10.0000	\$113.00	\$1,130.00 RSM16eFAC M, L, O&P	M16eFAC L, O&P	ן סי
		22 - Plumbing Total					\$1,130.00	5
41 -	Material Proces 41-22-23-10-3140	Material Processing and Handling Equipment 41-22-23-10-3140 Material handling, hoists, air powered hoist, 4000 lbs. capacity	П aa	2.0000	\$10.900.00	\$21.800.00 RSM16eFAC	W16eFAC	U
		Crane used to lift equipment and set back in place. Multiple tips Cody Library				ς.	.г О&Р	
		41 - Material Processing and Handling Equipment Total					\$21,800.00	5
—	Alternate							ļ
4	07-62-10-10-0800	Demo - Sheet metal cladding, aluminum, up to 6 bends, .024" thick, window sill Nearest line item for demo of existing flashing Roof Area 2,3 & 4 Cody Library	<u> </u>	187.1100	\$8.80 0	\$1,646.57 CUSTOM L. O&P	O&P	ס
4	07-62-10-10-0800	Demo - Sheet metal cladding, aluminum, up to 6 bends, .024" thick, window sill Nearest line item to demo existing flashing Roof Area 1 Cody Library	F.5.	190.0000	\$8.80	\$1,672.00 CUSTOM L, O&P	STOM O&P	ן סי
42	07-65-23-10-4840	Demo - Rubber sheet flashing and counterflashing, EPDM 90 mils, 4" diameter pipe flashing Demo existing Pipe Flashing Roof Area 1 Cody Library	យ	5.0000	\$24.60	\$123.00 CUSTOM L, O&P	STOM O&P	ס
43	07-72-73-10-0100	Demo - Pitch pockets, variable sizes, adjustable, 4" to 7", welded corners, 4" Ea. deep Nearest Line Item to demo existing 12"x12" Pitch Pans, 12"x24" Pitch Pans and 6&8" Pre-Molded Pockets Roof Area 1 Cody Library	Ea. " Pre-Molded Pockets	6.0000	\$12.40	\$74.40 CUSTOM L, O&P	STOM O&P	ן ס
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" Nearest line item used for 24"x 40" skylight. Quantity figure for sf comparison	Ea	8.0000	\$405.80	\$3,246.40 CUSTOM L, O&P	STOM O&P	ן ס

m	Estimator: Mike Durish)urish		ile Ile		(01) Cody Library	ibrary
₽t	Alternate						
	Item	Description	UM G	Quantity	Unit Cost	Total Book	*
1		Roof Area 2,3 & 4 Cody Library					
45	08-63-13-20-1060	Demo - Skylight rigid metal-framed, skylight framing is aluminum, fixed tempered Eaglass, curb mount, 25-1/2" x 49-1/2" Nearest line item used for 32"x102" skylight. Quantity figure for sf comparison	۵	6.0000	\$405.80	\$2,434.80 CUSTOM L, O&P	סד
		Roof Area 1 Cody Library					
46	26-05-33-25-5460	R&R - Conduit fittings for rigid galvanized steel, standard, service entrance cap, Ea. 4" diameter Remove and Reset Conductor Heads Cody Library	ā	15.0000	\$376.95	\$5,654.25 CUSTOM L, O&P	ס
47	Crew G-05	G-05 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P D-05 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 40 Equip Hours: 8 Daily Hours: 40	Daily	10.0000	\$2,952.14	\$29,521,40 CUSTOM L,E, O&P	ן סד
		ADDITIONAL LABOR FOR ROOFING INSTALL					
		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 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	8 Daily: 631.04 04.8				
48	Crew L-04	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P D L-04 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	Daily	10.0000	\$1,768.40	\$17,684.00 CUSTOM L. O&P	- J
		LABOR USED TO STOCK ROOFING MATERIALS Cody Library	ž.				
	22	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	ily: 1293.6				
49	Crew L-04	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P D.L-04 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0	Daily	10.0000	\$1,768.40	\$17,684.00 CUSTOM L. O&P	י סד

201,166.32			<u>a</u>	Estimate Grand Total	
\$102,364.82				Alternate Total	
			11	Crew Details: Code: ELEC Description: Electricians Qty: 1 Hourly: 85.2 Daily: 681.6 Code: ELEC Description: Electricians (Apprentice) Qty: 2 Hourly: 68.15 Daily: 1090.4.	
				LABOR CREW TO DISCONNECT AND RE CONNECT MECHANICAL UNITS Cody Library	
\$8,860.00 CUSTOM P	\$8,860	\$1,772.00	5.0000	R-01B Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P Daily R-01B (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	51 Crew R-01B
				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	
				LABOR CREW USED TO LIFT AND RESET HVAC UNITS Cody Library	
\$13,764.00 CUSTOM P	\$13,762	\$2,752.80	5.0000	Q-11 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P Daily Q-11 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 32 Equip Hours: 0 Daily Hours: 32	50 Crew Q-11
				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 Hours: 24 LABOR USED TO PREPARE ROOF FOR NEW MATERIAL Cody Library	
tal Book	Total	Unit Cost	Quantity	Description UM	Item
(01) Cody Library	(01			e Durish	Estimator: Mike Durish



Alpha Building Corporation-Mike Durish
Alpha Building Corporation
Alpha Building Corporation
2015-01-15-0013 - City of San Antonio Job Order Contract - First Option -

5-01-15-0013 - City of San Antonio Job Order Contract - First Option -1/15/2016 to 1/14/2017 COSA Hail Damage - 4211-RFP-160817-01

\$34,275.20 \$1,875.00 \$1,875.00 28. Electroics Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - 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) \$2216.088.70 \$(32,842,44) Priced/Non-Priced Total Non-Priced Items: 22 \$22 \$25	totalling components) lard (-33.0000%) 1s: 22 \$216,068.70 \$0.00 \$0.00		
\$34,275.20 \$1,875.00 \$1,875.00 28 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components) \$216,068.70 \$(32,842.44) Priced/Non-Priced Total Priced Items: 22 Total Priced Items: 22 \$2: 52: 52: 52: 52: 52: 52: 53: 53: 54: 55: 55: 55: 55: 56: 57: 56: 57: 56: 57: 57: 58: 57: 58: 58: 58: 58: 58: 58: 58: 58: 58: 58	totalling components) lard (-33.0000%) lard (-33.0000%) 22 \$216,068.70 1 ltems: 22 \$0.00		
\$34,275.20 \$1,875.20 \$2 - Electrical \$2 - Communications 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Pollution Control Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components) DCC Coefficient Standard (-33.0000%) Priced/Non-Priced Total Priced Items: 22 \$27	totalling components) lard (-33.0000%) lard (-34.0000%) s: 22 \$216,068.70 \$0.00		
\$34,275.20 \$1,875.00 \$1,875.00 \$27 - Communications 23 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - 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 \$(32,842.44) Priced/Non-Priced	totalling components) lard (-33.0000%)	77	
\$34,275.20 \$1,875.00 \$1,875.00 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components) \$216,068.70 \$216,068.70 \$0.000000000000000000000000000000000	otalling components) rd (-33.0000%)	Priced	
\$34,275.20 \$1,875.00 \$1,875.00 28 - Electronic Safety and Security 29 - Exterior Improvements 31 - Extriwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling 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%)	otalling components)	1115-794	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
\$34,275.20 \$1,875.00 28 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - 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)	(Without totalling components)		RS Means Subtotal
\$34,275.20 \$1,875.00 \$1,875.00 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 45 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 46 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment Alternate Trades Assemblies FMR MF04 Total (Without totalling components)	(Without totalling components)		Totalling Components
\$34,275.20 \$1,875.00 \$1,875.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 46 - Walter and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR		MF04 1	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
mmary (MF04) S34,275.20 Requirements S31,875.00 27 - Communications 27 - Communications 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 11 - Material Processing and Handling Equipment 46 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment Alternate Trades Assemblies		FMR	22 - Plumbing
mmary (MF04) Requirements Sonditions Solutions Solu		Assem	21 - Fire Suppression
## Transportation ## Transporta		Trades	14 - Conveying Equipment
** Mike Durish **mmary (MF04) **Sa4,275.20 **Saguirements **Say,275.20 **Saguirements **Say,275.20 **Say,27		Alterna	13 - Special Construction
** Mike Durish **Sa4,275.20 **Sequirements **Sa4,275.20 **Sequirements **Sa4,275.20 **Safety and Security **31 - Earthwork **32 - Exterior Improvements **33 - Utilities **33 - Utilities **34 - Transportation **Sation	ectric Power Generation	48 - Ele	12 - Furnishings
mmary (MF04) \$34,275.20 \$equirements \$1,875.00 \$1,875.00 \$1 - Communications 20 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment	ater and Wastewater Equipment	46 - Wa	11 - Equipment
** Mike Durish **mmary (MF04) **squirements **sq	ollution Control Equipment	44 - Po	10 - Specialties
## Mike Durish ## Wish Purish \$34,275.20	aterial Processing and Handling Equipment	41 - Ma	09 - Finishes
### Transportation ### Wike Durish ### Sa4,275.20 Requirements ### \$34,275.20 Sonditions ### \$34,275.20 \$1,875.20 ### \$27 - Communications ### 27 - Communications ### 28 - Electronic Safety and Security ### 31 - Earthwork ### 32 - Exterior Improvements ### 33 - Utilities ### 33 - Utilities ### 33 - Utilities ### 34 - Transportation	aterway and Marine Transportation	35 - Wa	08 - Openings
** MIKE DUTISh ** MIKE DUTISh S34,275.20 26 - Electrical 27 - Communications 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34,275.20 26 - Electrical 27 - Communications 27 - Communications 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34,275.20 26 - Electrical 27 - Communications 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33	ansportation	energy (07 - Thermal and Moisture Protection
## Wike Durish ## Wike Durish ## Wike Durish ## Wike Durish ## \$34,275.20 ## \$34,275.20 ## \$34,275.20 ## \$34,275.20 ## \$26 - Electrical ## 27 - Communications ## 28 - Electronic Safety and Security ## 31 - Earthwork ## 32 - Exterior Improvements	tilities	33 - Uti	06 - Wood, Plastics, and Composites
mmary (MF04) \$34,275.20 Requirements \$1,875.00 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork	xterior Improvements	32 - Ex	05 - Metals
** MIKE DUTISh mmary (MF04) \$34,275.20 \$equirements \$1,875.00 28 - Electronic Safety and Security	arthwork	31 - Ea	04 - Masonry
". Mike Durish "mmary (MF04) \$34,275.20 26 - Electrical Requirements \$1,875.00 27 - Communications	Safety a	28 - Ele	03 - Concrete
Durish WF04) \$34,275.20	ommunications		02 - Existing Conditions
	ectrical		01 - General Requirements
			Division Summary (MF04)
	(02) Tobin Library		Estimator: Mike Durish

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Ш	Estimator: Mike Durish	urish				(02) Tobin Library	2
	Item	Description	CM	Quantity	Unit Cost	Total Book	
2	- General Requirements	rements					
_	01-31-13-20-0020	Field personnel, clerk, average	Week	1.0000	\$745.00	\$745.00 RSM16eFAC	P
		Tobin Library				č	
2	01-31-13-20-0220	Field personnel, project manager, maximum	Week	1.0000	\$4,325.00	\$4,325.00 RSM16eFAC	ס
C		Tobin Library				ŗ	
ω	01-31-13-20-0280	Field personnel, superintendent, maximum	Week	3.0000	\$4,000.00	\$12,000.00 RSM16eFAC	ט
		Tobin Library				j Ç	
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 RSM16eFAC L, O&P	ן ס
υ	01-54-23-70-1150	Scaffolding, steel tubular, regular, buy, frames, 5' high 5' wide Scafolding Tobin Library	EI A	6.0000	\$114.00	\$684.00 RSM16eFAC M, O&P	ס
თ	01-54-23-70-1500	Scaffolding, steel tubular, regular, buy, accessories, cross braces Scaffolding Tobin Library	Ea.	3.0000	\$19.90	\$59.70 RSM16eFAC M, O&P	ן ס
7	01-54-23-70-1750	Scaffolding, steel tubular, regular, buy, accessories, 8" casters Scaffolding Tobin Library	Ea.	4.0000	\$34.00	\$136.00 RSM16eFAC M, O&P	ס
_ ∞	01-54-23-70-1900	Scaffolding, steel tubular, regular, buy, accessories, stairway section Scaffolding Tobin Library	b LL	1.0000	\$315.00	\$315.00 RSM16eFAC M, O&P	יס
9	01-54-23-70-5700	Scaffolding, planks, 2" \times 10" \times 16'-0", labor only to erect and remove, to 50' high Labor only to install planks Tobin Library	E a	12.0000	\$26.50	\$318.00 RSM16eFAC L, O&P	ס
70	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 RSM16eFAC E, O&P	ס
=	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 RSM16eFAC L, E, O&P	اه
12	01-74-13-20-0040	Cleaning up, after job completion, allow, maximum	Job	120,000.0000	1.0000%	\$1,200.00 RSM16eFAC O&P	ס

Estimator: Mike Durish	Alpha Building Corpora
	tion

Alpha Building Corporation	g Corporation				Final	Final Estimate
Estimator: Mike Durish	Urish				(02) To	(02) Tobin Library
01 - General Requirements	'					
Item	Description	™	Quantity	Unit Cost	Total Book	Book
	FinalClean Tobin Library					
13 01-74-13-20-0052	Cleaning up, cleanup of floor area, continuous, per day, during construction Daily Clean Up Tobin Library 500*.04*5/10 = 10.00	M.S.F.	10.0000	\$77.00	\$770.00 F	\$770.00 RSM16eFAC M, L, E, O&P
			0			

02 - 1 14 0

\$1,875.00				02 - Existing Conditions Total	
\$1,875.00 RSM16eFAC P	\$625.00	3.0000	Week	ditions 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	- Existing Conditions 02-41-19-19-0725 Sel der C.) Dumps Tobin I
\$34,275.20		D.		01 - General Requirements Total	

07 - Thermal and Moisture Protection

4.66	\$124,654.66				07 - Thermal and Moisture Protection Total	
					Ridge CAP & Vents Tobin Library 378.22+153.83 = 532.05	
ם	\$4,761.85 RSM16eFAC	\$8.95	532.0500	Ę.	Ridge vents and accessories, ridge vent strip, mill finish	18 07-72-26-10-2300
	, Cen				Ridge CAP & Vents Tobin Library 378.22+153.83 = 532.05	
ס	\$4,362.81 RSM16eFAC	\$8.20	532.0500	두	Ridge vents and accessories, aluminum strips, painted finish	17 07-72-26-10-0150
٥	\$5,280.00 RSM16eFAC M, L, O&P	\$22.00	240.0000	S. Ti	Sheet metal flashing and counter flashing, including up to 4 bends, copper, 24 ounce sheets, under 1000 lbs. Flashing Tobin Library	16 07-65-10-10-2200
סד	\$110,250.00 RSM16eFAC M. L. 0&P	\$2,250.00	49.0000	Sq	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	15 07-61-16-10-0200
					or - mermarana moistare i rotection	or - inclination

Alternate

Alpha Buildin	Building Corporation			Final Estimate	ate
Estimator: Mike Durish)urish			(02) Tobin Library	rary
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 Sq. batten seam roofing, over 10 square, .020 thick, 18 ounce, 145 lbs. per square Demo existing Tobin Library	49.0000	\$710.00	\$34,790.00 CUSTOM L, O&P	ן סי
	4900/100 = 49.00				
20 Crew L-04	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P Daily L-04 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	2.0000	\$1,768.40	\$3,536.80 CUSTOM L, O&P	ָ ס
	LABOR USED TO PREPARE ROOF FOR NEW MATERIAL Tobin 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	33.6			
21 Crew L-04	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P Daily L-04 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	5.0000	\$1,768.40	\$8,842.00 CUSTOM L, O&P	ן סי
	LABOR USED TO STOCK ROOFING MATERIALS Tobin 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	33.6			
22 Crew Q-10	Q-10 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P Daily Q-10 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	4.0000	\$2,023.76	\$8,095.04 CUSTOM L, O&P	ָ סד
	LABOR USED TO HELP FABRICATE ROOFING PARTS Tobin Library	o			
	Crew Details: Code: SHEE Description: Sheet Metal Workers Qty: 2 Hourly: 90.35 Daily: 1445.6			ia.	

	Alte	Cod	Item Des	Alternate	Estimator: Mike Durish
	Alternate Total	Code: SHEE Description: Sheet Metal Workers (Apprentice) Qty: 1 Hourly: 72.27 Daily: 578.1	Description		
Estimate Grand Total		y: 72.27 Daily: 578.16	M		
otal			Quantity		
			Unit Cost		
			Total		(02) To
122,761.59	\$55,263.84		Total Book		(02) Tobin Library



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 Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish (03) Fire House #5 Division Summary (MF04) \$17,224.50 25. Electrical 27. Communications	\$47,973.08	Grand Total		
Mike Durish mmary (MF04) **Requirements **Sequirements** **Sequirement** **Se	\$84,435.86	30		
: Mike Durish mmary (MF04) Requirements S17,224.50 S1,875.00 27 - Communications 28 - Electrical 27 - Communications 28 - Electroics Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 45 - Electric Power Generation Alternate Assemblies FMR Werlitating, and Air-Conditioning (HVAC) S28,757.75 MP04 Total (Without totalling components) NANTONIO, TX CCI 201602, 84.80% S84,435.86 NANTONIO, TY CCI 201602, 84.80% Priced/Non-Priced		ems:		
mmary (MF04) Requirements S1,224.50 Sequirements S1,875.00 27 - Communications 27 - Communications 28 - 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 46 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR NANTONIO, TX CCI 2016Q2, 84.80% S1,2834.25) S28,757.75 MF04 Total (Without totalling components) JOC Coefficient Standard (-33,0000%)		Priced/Non-Priced		
mmary (MF04) S17.224.50 S1,875.00 S1,875.00 27 - Communications 31 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 46 - Water and Wasteway and Marine Transportation 41 - Material Processing and Handling Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components)	\$(23,628.53)	W.	\$84,435.86 \$(12,834.25)	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
mmary (MF04) S17,224.50 Requirements S1,875.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 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				Totalling Components
: Mike Durish mmary (MF04) S17,224.50 Equirements S1,875.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Earthwork 33 - Utilities 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 - Electrical 28 - Electrical 29 - Electrical 20 - Electrical 20 - Electrical 20 - Electrical 21 - Communications 31 - Earthwork 32 - Earthwork 32 - Earthwork 32 - Earthwork 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR	\$84,435.86	116-725	\$28,757.75	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
: Mike Durish mmary (MF04) Requirements Sonditions Solutions		FMR		22 - Plumbing
mmary (MF04) Requirements Sonditions Solutions Solution Solutions		Assemblies		21 - Fire Suppression
mmary (MF04) Requirements S17,224.50 S1,875.00 S1,875.00 S1,875.00 S26 - Electrical S27 - Communications S28 - Electronic Safety and Security S31 - Earthwork S32 - Exterior Improvements S33 - Utilities S33 - Utilities S34 - Transportation S35 - Waterway and Marine Transportation S5 - Waterway and Handling Equipment S6 - Water and Wastewater Equipment S6 - Water and Wastewater Equipment S6 - Water and Wastewater Equipment S7 - Water and Wastewater Equipment S8 - Electrical S7 - Communications S8 - Electronic Safety and Security S9 - Electronic Safety and Security S1 - Exterior Improvements S3 - Utilities S3 - Waterway and Marine Transportation S6 - Water and Wastewater Equipment S8 - Electrical S7 - Communications S8 - Electronic Safety and Security S9 - Electronic Safety and Security S9 - Electronic Safety and Security S1 - Exterior Improvements S3 - Utilities S3 - Waterway and Marine Transportation S6 - Water and Wastewater Equipment S8 - Electronic Safety and Security S9 - Electronic		Trades		14 - Conveying Equipment
mmary (MF04) S17,224.50 S1,375.00 Requirements S1,375.00 S1,375.00 S2 - Electroical S2 - Communications S2 - Electronic Safety and Security S3 - Earthwork S3 - Exterior Improvements S3 - Utilities S3 - Utilities S4 - Transportation S5 - Waterway and Marine Transportation S6 - Water and Wastewater Equipment S4 - Water and Wastewater Equipment S6 - Water and Wastewater Equipment S6 - Electrical S7 - Communications S6 - Electronic Safety and Security S7 - Ele	\$28,779.32	Alternate		13 - Special Construction
: Mike Durish S17,224.50 26 - Electrical		48 - Electric Power Generation		12 - Furnishings
:: Mike Durish mmary (MF04) Requirements Sonditions Solution Solutio		46 - Water and Wastewater Equipment		11 - Equipment
: Mike Durish mmary (MF04) Requirements Sonditions Sond Composites Sonditions Sond Composites Sond Compo		44 - Pollution Control Equipment		10 - Specialties
:: Mike Durish mmary (MF04) Requirements Sonditions S17,224.50 S1,875.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation	\$3,875.00	41 - Material Processing and Handling Equipment		09 - Finishes
:: Mike Durish mmary (MF04) Requirements Conditions S17,224.50 S1,875.00 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation		35 - Waterway and Marine Transportation		08 - Openings
:: Mike Durish mmary (MF04) Requirements Conditions S17,224.50 S1,875.00 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities		Wie de	\$3,924.29	07 - Thermal and Moisture Protection
: Mike Durish mmary (MF04) Requirements S17,224.50 S1,875.00 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements				06 - Wood, Plastics, and Composites
: Mike Durish mmary (MF04) Requirements S17,224.50 S1,875.00 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork		32 - Exterior Improvements		05 - Metals
: Mike Durish mmary (MF04) \$17,224.50 Requirements \$1,875.00 28 - Electrical 27 - Communications 28 - Electronic Safety and Security		31 - Earthwork		04 - Masonry
: Mike Durish : Mike Durish mmary (MF04) \$17,224.50 26 - Electrical Requirements \$1,875.00 27 - Communications		Safety a		03 - Concrete
urish 04) \$17,224.50 26 - Electrical			\$1,875.00	02 - Existing Conditions
Sh			\$17,224.50	01 - General Requirements
				Division Summary (MF04)
	(03) Fire House #5			Estimator: Mike Durish

Estimator: Mike Durish	Durish				(00) 1 116 110036 #0
Item	Description	M	Quantity	Unit Cost	Total Book
01 - General Requirements 1 01-31-13-20-0020 Field p	Jirements Field personnel, clerk, average	Week	1.0000	\$745.00	\$745.00 RSM16eFAC
	Firehouse #5				ĵ.
2 01-31-13-20-0220	Field personnel, project manager, maximum	Week	1.0000	\$4,325.00	\$4,325.00 RSM16eFAC L, O&P
3 01-31-13-20-0280	Field personnel, superintendent, maximum	Week	2.0000	\$4,000.00	\$8,000.00 RSM16eFAC
	Firehouse #5				, , (2) (3) (4)
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 RSM16eFAC E, O&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 RSM16eFAC L, E, O&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 RSM16eFAC O&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
	01 - General Requirements Total				\$17,224.50
02 - Existing Conditions 8 02-41-19-19-0725 Se de C: Dump	ditions 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 RSM16eFAC M. O&P
	02 - Existing Conditions Total				\$1,875.00
07 - Thermal and l 9 07-05-05-10-3125	 Thermal and Moisture Protection 07-05-05-10-3125 Selective demolition, thermal and moisture protection, roofing, felt paper, #30 felt Sq. Demo existing felt paper 	Sq.	4.9980	\$16.50	\$82.47 RSM16eFAC L. O&P

1							
m	Estimator: Mike L	Durish				(03) Fire House #5	*5
07	07 - Thermal and Moisture Protection Item Descrip	re Protection Description	S	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	у. "Ti	499.8000	\$0.72	\$359.86 RSM16eFAC L. O&P	اه
=	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	s _q	4.9980	\$465.00	\$2,324.07 RSM16eFAC M, L, O&P	ן סד
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	ס
13	07-31-13-10-0900	Asphalt roof shingles, ridge shingles Ridge cap Firehouse #5	ָהָּ בַּי	42.4600	\$4.24	\$180.03 RSM16eFAC M.L. O&P	ا ت
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		12.9800	\$10.40	\$134.99 RSM16eFAC M, L, O&P	ا 0
1 5	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. Ti	28.4482	\$5,65	\$160.73 RSM16eFAC M, L, O&P	ا م
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	ס
17	07-71-26-10-0400	Reglets and accessories, reglet, galvanized steel, 24 gauge 24 GS Kynar Reglet Firehouse #5	E.F.	12.9800	\$4.31	\$55.94 RSM16eFAC M, L, O&P	اه
		07 - Thermal and Moisture Protection Total				\$3,924.29	4.29
188	- Heating, Venti 23-51-23-10-0140	Heating, Ventilating, and Air-Conditioning (HVAC) 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	V.L.F.	3.0000	\$33.50	\$100.50 RSM16eFAC M, L, O&P	ם "

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ח	Estimator: Mike Durish	rich				(03) Fire House #5	上
23 -	Heating, Ventilating, ar	23 - Heating, Ventilating, and Air-Conditioning (HVAC)					
	Item	Description	M	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	U
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	ָ ס ַ
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	E.	5.0000	\$5,525.00	\$27,625.00 RSM16eFAC M, L, O&P	ס
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	ë.	5.0000	\$124.00	\$620.00 RSM16eFAC L, O&P	ן ס
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	in Eu	5.0000	\$77.50	\$387.50 RSM16eFAC L, O&P	ס
	ř.,	23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total				\$28,757.75	57.75
24 24	- Material Proces 41-22-23-10-1500	Material Processing and Handling Equipment 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	ס
		41 - Material Processing and Handling Equipment Total				\$3,87	\$3,875.00
Alt 25	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	ס
1		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	ا ه

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Estimator: Mike Durish	Durish				(03) Fire House #5	Ise #5
Alternate						
Item	Description	UM	Quantity	Unit Cost	Total Book	^
27 Crew L-04	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P L-04 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	Daily	2.0000	\$1,768.40	\$3,536.80 CUSTOM L. O&P	ן סי
	LABOR USED TO STOCK ROOFING MATERIALS					
	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	85 Daily: 1293.6 74.8				
28 Crew L-04	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P L-04 (2016 - RSMeans 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	ס
	LABOR USED TO HOIST COILS ON AND OFF ROOF Firehouse #5					
	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	85 Daily: 1293.6 74.8				
29 Crew L-04	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P L-04 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	Daily	2.0000	\$1,768.40	\$3,536.80 CUSTOM L. O&P	ן סי
	LABOR USED TO PREPARE ROOF FOR NEW MATERIAL Firehouse #5					
	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	35 Daily: 1293.6 74.8				
30 Crew Q-02	Q-02 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P Q-02 (2016 - RSMeans 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	ן סי

Item Description	Alternate	Estimator: Mike Durish	Alpha Building Corporation
MU			
Quantity			
Unit Cost			
Total Book		(03) Fire House #5	Final Estimate

LABOR TO INSTALL COILS Firehouse #5



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 Hail Damage - 4211-RFP-160817-01

Division Summary (MF04) S3.347.50 28- Electrical Components Co	\$23,384.75	Grand Total		
*** Mike Durish Total Priced Items:	\$41,158.74	21		
mmary (MF04) Requirements Conditions Requirements Conditions Requirements Conditions Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterior Improvements 33 - Utilities 34 - Transportation 35 - Waterior Improvements 34 - Pollution Control Equipment 41 - Naterial Processing and Handling Equipment 42 - Pollution Control Equipment 43 - Electric Power Generation Naterial Processing and Marine Transportation 41 - Naterial Processing and Handling Equipment 43 - Water and Wastewater Equipment 44 - Pollution Control Equipment 48 - Electroic Seafety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation At Reterial Power Generation Naterial Processing and Handling Equipment 48 - Electroic Seafety and Security 31 - Earthwork 32 - Exterior Improvements 41 - Naterial Processing and Handling Equipment 43 - Water and Wastewater Equipment 45 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment 47 - Naterial Processing and Handling Equipment 48 - Flectric Power Generation Trades Assemblies FMR MF04 Total (Without totalling components) MF04 Total (Without totalling components) MF04 Total (Without totalling components) Priced/Non-Priced		s: Items:		
mmary (MF04) Requirements Sactics, and Composites astics, and Composites and Moisture Protection s And Moisture Protection s Graph Protection g Grap	3	Priced/Non-Priced		
mmary (MF04) Requirements Satics, and Composites astics, and Composites and Moisture Protection s Moisture Protection g G G G G G G G G G G G G	\$(11,517.86)		\$(6,256.13)	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
mmary (MF04) Requirements Sonditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Centrol Equipment 48 - Electric Power Generation Alternate Trades Assemblies Assemblies FMR MF04 Total (Without totalling components)				Totalling Components
:: Mike Durish mmary (MF04) Requirements Conditions \$41,158.74	MF04 Total (Without totalling components)	\$19,159.13	23 - Heating, Ventilating, and Air-Conditioning (HVAC)	
mmary (MF04) Requirements Sonditions Sonditions Sonditions Solutions Solution Solutions Solutio		FMR		22 - Plumbing
mmary (MF04) Requirements Conditions Conditions 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 42 - Pollution Control Equipment 43 - Electric Power Generation Alternate Trades Trades Trades Trades	11	Assemblies		21 - Fire Suppression
mmary (MF04) Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements astics, and Composites and Moisture Protection At Transportation and Handling Equipment and Wastewater Equipment and Wastewater Equipment and Moisture Protection At Pollution Control Equipment and Moisture Protection At Electric Power Generation Alternate		Trades		14 - Conveying Equipment
mmary (MF04) Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation	\$12,077.11	Alternate		13 - Special Construction
:: Mike Durish mmary (MF04) Requirements Conditions Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Earthwork 32 - Earthwork 32 - Utilities 33 - Utilities 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		12 - Furnishings
**: Mike Durish Sa,347.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 28 - Electronic Safety and Security 31 - Earthwork 32 - Earthwork 32 - Earthwork 32 - Earthwork 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 45 - Electrical 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Earthwork 32 - Earthwork 32 - Earthwork 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 44 - Pollution Control Equipment 44 - Pollution Control Equipment 45 - Electrical 27 - Communications 28 - Electronic Safety and Security 37 - Earthwork 37 - Earthw		46 - Water and Wastewater Equipment		11 - Equipment
:: Mike Durish mmary (MF04) Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment		44 - Pollution Control Equipment		10 - Specialties
mmary (MF04) Requirements Conditions Condit	\$6,575.00	41 - Material Processing and Handling Equipment		09 - Finishes
mmary (MF04) Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 34 - Transportation		35 - Waterway and Marine Transportation		08 - Openings
:: Mike Durish mmary (MF04) Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities		34 - Transportation		07 - Thermal and Moisture Protection
:: Mike Durish mmary (MF04) Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements		33 - Utilities		06 - Wood, Plastics, and Composites
:: Mike Durish mmary (MF04) Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork		Improvem		05 - Metals
:: Mike Durish mmary (MF04) Requirements Conditions \$3,347.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security		31 - Earthwork		04 - Masonry
Durish WF04) \$3,347.50 26 - Electrical ints 27 - Communications		28 - Electronic Safety and Security		03 - Concrete
o4) \$3,347.50 26 - Electrical		1		02 - Existing Conditions
			\$3,347.50	01 - General Requirements
				Division Summary (MF04)
	(04) Fire House #10			Estimator: Mike Durish

1	Attendant Milks D					/04) Elea Uallea	2
ņ	Estimator: Mike Durish					(04) Fire House #10	*10
	Item	Description	MU	Quantity	Unit Cost	Total Book	
2	- General Requirements	rements					
_	01-31-13-20-0020	versonnel, clerk, average	Week	0.5000	\$745.00	\$372.50 RSM16eFAC L, O&P	٥
1		Firenouse #10					
2	01-31-13-20-0200	Field personnel, project manager, average	Week	0.2000	\$3,775.00	\$755.00 RSM16eFAC L, O&P	,
		Firehouse #10 1/5 = 0.20				j	
ω	01-31-13-20-0280	Field personnel, superintendent, maximum	Week	0.4000	\$4,000.00	\$1,600.00 RSM16eFAC	ס
ĺ		Firehouse #10 2/5 = 0.40					
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	Ea.	2.0000	\$310.00	\$620.00 RSM16eFAC L, E, O&P	ס
1		Firehouse #10					
		01 - General Requirements Total				\$3,3	\$3,347.50
23		Heating, Ventilating, and Air-Conditioning (HVAC) Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized V.L.F. 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	סד
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	ן ס
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 -irehouse #10 3.5*1 = 3.50	V.L.F.	3.5000	\$3.44	\$12.04 RSM18eFAC L, O&P	ס
۵۰	23-51-23-10-1860	Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized Ea. steel, fittings, top, 20" diameter Nearest Line Item for Exhaust Fan Cover Firehouse #10	E. a.	3.0000	\$595.00	\$1,785.00 RSM16eFAC M, L, O&P	اه
ဖ	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	ן

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Estimator: Mike Durish	urish				(04) Fire House #10
23 - Heating, Ventilating, a	23 - Heating, Ventilating, and Air-Conditioning (HVAC)				
Item	Description	M	Quantity	Unit Cost	Total Book
10 23-74-33-10-1100-1140	0 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	EI,	1.0000	\$437.50	\$437.50 RSM15eFAC 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, $3/8" \times .016$ 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	0 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	ë En	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	'n Ш	2.0000	\$77.50	\$155.00 RSM16eFAC L, O&P
	23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total	-			\$19,159.13
41 - Material Proces 15 41-22-23-10-1900	Material Processing and Handling Equipment 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
	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	ė E	3.0000	\$72.50	\$217.50 CUSTOM L, O&P

1.75	23,384.75		otal	Estimate Grand Total	Estim	
7.11	\$12,077.11				Alternate Total	
					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	
ס	\$6,202.32 CUSTOM L, O&P	\$2,067.44	3.0000	Daily	Q-02 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P Q-02 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	21 Crew Q-02
				Daily: 1293.6	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	
					LABOR USED TO HOIST COILS ON AND OFF ROOF Firehouse #10	
	<u>.</u> (L-04 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	Gi Gi
ס	\$2,652.60 CUSTOM	\$1,768.40	1.5000	Daily	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P	20 Crew L-04
ס	\$985.00 CUSTOM L, O&P	\$492.50	2.0000	in in	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	19 23-82-16-10-1000
اه	\$1,945.00 CUSTOM L, O&P	\$1,945.00	1.0000	ë M	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	18 23-74-33-10-1100
	Total Book	Unit Cost	Quantity	M	Description	Item
						Alternate
*10	(04) Fire House #10	200			Durish	Estimator: Mike Durish



Alpha Building Corporation-Mike Durish
Alpha Building Corporation
Alpha Building Corporation
2015-01-15-0013 - City of San Antonio Job Order Contract - First Option -

-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 (05) Fire House #17 Division Summary (MF04) \$1.172.50 26 - Electrical 01 - Conneal Requirements 22 - Communitizations 22 - Communitizations 02 - Electrical Outsidions 23 - Communitizations 23 - Electrical and Moisture Protection 23 - Electrical and Moisture Protection 24 - Communitizations 25 - Electrical and Moisture Protection 26 - Electrical and Moisture Protection 27 - Ferminal and Moisture Protection 28 - Electrical and Moisture Protection 28 - Electrical and Moisture Protection 28 - Electrical and Electric Protection and Electrical and Moisture Protection 28 - Electrical and Electr	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 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components) JOC Coefficient Standard (-33.0000%) Priced/Non-Priced Total Priced Items: Total Non-Priced Items: 6		
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR \$250.50 \$1,551.04 \$(235.76) Priced/Non-Priced Total Priced Items: 6 Total Non-Priced ltems: 6 Total Non-Priced ltems: 6	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 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components) JOC Coefficient Standard (-33.0000%) Priced/Non-Priced Total Priced Items: 6 Total Priced Items: 6		
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR \$250.50 MF04 Total (Without totalling components) JOC Coefficient Standard (-33.0000%) Friced/Non-Priced Total Priced Items: Total Priced Items: 6 Total Non-Priced Items: 6	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 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components) JOC Coefficient Standard (-33.0000%) Priced/Non-Priced Total Priced Items: Total Priced Items: Total Non-Priced Items: Total Non-Priced Items: Total Priced Items: Total		
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exerior 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 \$1,551.04 \$(235.76) Priced/Non-Priced Priced/Non-Priced	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) JOC Coefficient Standard (-33.0000%) Priced/Non-Priced		
\$1,172.50 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 48 - Electric Power Generation Alternate Trades Assemblies FMR \$250.50 MF04 Total (Without totalling components) JOC Coefficient Standard (-33.0000%)	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 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components) JOC Coefficient Standard (-33.0000%)	Priced/Non-Priced	
\$1,172.50 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 \$250.50 MF04 Total (Without totalling components)	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)	\$(235.76)	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.8
\$1,172.50 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 \$250.50 MF04 Total (Without totalling components)	26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 45 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies Assemblies FMR MF04 Total (Without totalling components)	IOC Coefficient Stand	Rs Means Subtotal
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 45 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR	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 48 - Electric Power Generation Alternate Trades Assemblies FMR	\$250.50 MF04 Total (Without	23 - Heating, Ventilating, and Air-Conditioning (H
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 45 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies	26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies	FMR	22 - Plumbing
\$1,172.50 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	26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades	47	21 - Fire Suppression
\$1,172.50 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 Altermate	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	14 - Conveying Equipment
\$1,172.50 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	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	13 - Special Construction
\$1,172.50 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 46 - Water and Wastewater Equipment	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 Ger	12 - Furnishings
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment	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 Wastev	11 - Equipment
\$1,172.50 \$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	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 E	10 - Specialties
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements ities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation	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 Processin	09 - Finishes
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements ites 33 - Utilities 34 - Transportation	26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation	35 - Waterway and Ma	08 - Openings
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements ites 33 - Utilities	26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities	34 - Transportation	07 - Thermal and Moisture Protection
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements	26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements	33 - Utilities	06 - Wood, Plastics, and Composites
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork	26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork	32 - Exterior Improvem	05 - Metals
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security	26 - Electrical 27 - Communications 28 - Electronic Safety and Security	31 - Earthwork	04 - Masonry
\$1,172.50 26 - Electrical 27 - Communications	26 - Electrical 27 - Communications	28 - Electronic Safety a	03 - Concrete
\$1,172.50 26 - Electrical	26 - Electrical	27 - Communications	02 - Existing Conditions
			01 - General Requirements
		E	Division Summary (MF04)
	(05) Fire House #17		Estimator: Mike Durish

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

(05) Fire House #17

S

Quantity

Unit Cost

Total Book

Estimate Grand Total

881.24



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

\$952.93	Grand Total		
\$1,677.22	ത		
\$1,677.22 \$0.00 0.00%	Total Priced Items: 6 Total Non-Priced Items: 0		
	Priced/Non-Priced		
\$(469.35)	JOC Coefficient Standard (-33.0000%)	\$1,677.22 \$(254.94)	RS Means Subtotal RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
			Totalling Components
\$1,677.22	MF04 Total (Without totalling components)	\$334.00	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
	FMR		22 - Plumbing
	Assemblies		21 - Fire Suppression
	Trades		14 - Conveying Equipment
\$170.72	Alternate		13 - Special Construction
	48 - Electric Power Generation		12 - Furnishings
	46 - Water and Wastewater Equipment		11 - Equipment
	44 - Pollution Control Equipment		10 - Specialties
	41 - Material Processing and Handling Equipment		09 - Finishes
	35 - Waterway and Marine Transportation		08 - Openings
	34 - Transportation		07 - Thermal and Moisture Protection
	33 - Utilities		06 - Wood, Plastics, and Composites
	32 - Exterior Improvements		05 - Metals
	31 - Earthwork		04 - Masonry
	28 - Electronic Safety and Security		03 - Concrete
	27 - Communications		02 - Existing Conditions
	0 26 - Electrical	\$1,172.50	01 - General Requirements
			Division Summary (MF04)
(06) Fire House #19			Estimator: Mike Durish
COSA Hail Damage - 4211-RFP-160817-01	COSA Hail D		

\$170.72	\$ 1				Alternate Total		
					2*4 = 8.00		1
ס	\$170.72 CUSTOM L. O&P	\$21.34	8.0000	V.L.F.	Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #19	Alternate 6 23-51-23-10-0140	_
\$334.00	\$3				23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total		
יס	\$27.52 RSM16eFAC L, O&P	\$3.44	8.0000	V.L.F.	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	5 23-51-23-10-0140-4140	,
ן ס	\$38.48 RSM16eFAC L, O&P	\$4.81	8.0000	V.L.F.	0-1140 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	4 23-51-23-10-0140-1140	g s
ס	\$268.00 RSM16eFAC M. L. O&P	\$33.50	8.0000	V.L.F.	- Heating, Ventilating, and Air-Conditioning (HVAC) 23-51-23-10-0140 Steel, 6" diameter New Gas Vents Firehouse #19 2*4 = 8.00	23 - Heating, Ven 3 23-51-23-10-0140	
\$1,172.50	\$1,1				01 - General Requirements Total		
ס	\$800.00 RSM16eFAC L, O&P	\$4,000.00	0.2000	Week	Field personnel, superintendent, maximum Firehouse #19 1/5 = 0.20	2 01-31-13-20-0280	
ם פ	\$372.50 RSM16eFAC L, O&P	\$745.00	0.5000	Week	quirements 0 Field personnel, clerk, average Firehouse #19	01 - General Requirements 1 01-31-13-20-0020 Firehouse	
	Total Book	Unit Cost	Quantity	M	Description	Item	
#19	(06) Fire House #19				e Durish	Estimator: Mike Durish	

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-	Total Book	Unit Cost	Quantity	UM	Description	Item
(06) Fire House #19	(06) FIRE				ike Durish	Estimator: Mi

Alpha Building Corporation

Estimate Grand Total

952.93



Alpha Building Corporation-Mike Durish
Alpha Building Corporation
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 Hail Damage - 4211-RFP-160817-01

				RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80% \$(206.99)	nents	23 - Heating, Ventilating, and Air-Conditioning (HVAC) \$125.25	22 - Plumbing	21 - Fire Suppression	14 - Conveying Equipment	13 - Special Construction	12 - Furnishings	11 - Equipment	10 - Specialties	09 - Finishes	08 - Openings	07 - Thermal and Moisture Protection	06 - Wood, Plastics, and Composites	05 - Metals	04 - Masonry	03 - Concrete	02 - Existing Conditions	01 - General Requirements \$1,172.50	Division Summary (MF04)	Estimator: Mike Durish
Grand Total	o	Total Priced Items: 6 Total Non-Priced Items: 0	Priced/Non-Priced	99)		25 MF04 Total (Without totalling components)	FMR	Assemblies	Trades	Alternate	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			
\$773.70	91,301.77	\$1,361.77 \$0.00 0.00%		#(301.00)	\$/304,000	\$1,361.77				\$64.02			*											(07) Fire House #23

\$64.02	Ş				Alternate Total	
					1.5*2 = 3.00	
ס	\$64.02 CUSTOM L, O&P	\$21.34	3.0000	, V.L.F.	Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #23	Alternate 6 23-51-23-10-0140
\$125.25	\$1:				23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total	
ס	\$10.32 RSM16eFAC L, O&P	\$3.44	3.0000	ngs, V.L.F.	0-4140 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	5 23-51-23-10-0140-4140
ס	\$14.43 RSM16eFAC L, O&P	\$4.81	3.0000	vel, V.L.F.	 10-1140 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 	4 23-51-23-10-0140-1140
סר	\$100.50 RSM16eFAC M, L, O&P	\$33.50	3.0000	ized V.L.F.	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 V.L.F. steel, 6" diameter New Gas Vents Firehouse #23 1.5*2 = 3.00	23 - Heating, Vei 3 23-51-23-10-0140
\$1,172.50	\$1,1				01 - General Requirements Total	
0-0	\$800.00 RSM16eFAC L, O&P	\$4,000.00	0.2000	Week	0 Field personnel, superintendent, maximum Firehouse #23 1/5 = 0.20	2 01-31-13-20-0280
סד	\$372.50 RSM16eFAC L, O&P	\$745.00	0.5000	Week	equirements 20 Field personnel, clerk, average Firehouse #23	01 - General Requirements 1 01-31-13-20-0020 Firehouse
	Total Book	Unit Cost	Quantity	MU	Description	Item
#23	(07) Fire House #23	(0			ce Durish	Estimator: Mike Durish

Page 3 of 3

Final Estimate

Item	Estimator: Mik
Description	e Durish
C.W.	
Quantity	
Unit Cost	
Total	(07) Fire
Book)7) Fire House #23

Alpha Building Corporation

Estimate Grand Total

773.70



Alpha Building Corporation-Mike Durish
Alpha Building Corporation
San Antonio Job Order Contract - First Option -

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

	\$3,478.26	9		
0.00%	\$3,478.26 \$0.00	Total Priced Items: 9 Total Non-Priced Items: 0		
		Priced/Non-Priced		
9(313.33)		TO COEIRCIEIR SIGNAID ("SS. DODO /6)	\$(528.70)	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
\$(079.95)		DO Coefficient Standard (33 0000%)	62 470 26	Totalling Components
\$3,4/8.26		MFU4 lotal (Without totalling components)	\$1,179.50	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
				22 - Plumbing
		Assemblies		21 - Fire Suppression
		Trades		14 - Conveying Equipment
\$371.26		Alternate		13 - Special Construction
		48 - Electric Power Generation		12 - Furnishings
		46 - Water and Wastewater Equipment		11 - Equipment
		44 - Pollution Control Equipment		10 - Specialties
		41 - Material Processing and Handling Equipment		09 - Finishes
		35 - Waterway and Marine Transportation		08 - Openings
		34 - Transportation		07 - Thermal and Moisture Protection
		33 - Utilities		06 - Wood, Plastics, and Composites
		32 - Exterior Improvements		05 - Metals
		31 - Earthwork		04 - Masonry
		28 - Electronic Safety and Security		03 - Concrete
		27 - Communications		02 - Existing Conditions
		26 - Electrical	\$1,927.50	01 - General Requirements
				Division Summary (MF04)
(08) Fire House #24	(08) Fire +			Estimator: Mike Durish

≱lte 8		7	6	O1	23		ω	N	- 9		EST
Alternate 8 23-51-23-10-0140		23-51-23-10-1860	23-51-23-10-0140-4140	23-51-23-10-0140-1140	Heating, Ventil 23-51-23-10-0140		01-31-13-20-0280	01-31-13-20-0200	General Requirements 01-31-13-20-0020 Firehouse	Item	Estimator: Mike Durish
Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #24	23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total	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	0 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	0 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	Heating, Ventilating, and Air-Conditioning (HVAC) 23-51-23-10-0140 Steel, 6" diameter New Gas Vents Firehouse #24 3.5"4 = 14.00	01 - General Requirements Total	Field personnel, superintendent, maximum Firehouse #24 1/5 = 0.20	Field personnel, project manager, average Firehouse #24 1/5 = 0.20	rements Field personnel, clerk, average Firehouse #24	Description	urish
V.L.F.		EI 9.	V.L.F.	V.L.F _x	V.L.F.		Week	Week	Week	CM	4.
14.0000		1.0000	14.0000	14.0000	14.0000		0.2000	0.2000	0.5000	Quantity	
\$21.34		\$595.00	\$3.44	\$4.81	\$33.50		\$4,000.00	\$3,775.00	\$745.00	Unit Cost	
\$298.76 CUSTOM L. O&P	\$1,179.50	\$595.00 RSM16eFAC M. L. O&P	\$48.16 RSM18eFAC L, O&P	\$67.34 RSM16eFAC L, O&P	\$469.00 RSM16eFAC M. L. O&P	\$1,927.50	\$800.00 RSM16eFAC L, O&P	\$755.00 RSM16eFAC L, O&P	\$372.50 RSM16eFAC L, O&P	Total Book	(08) Fire House #24
ס	9.50	יס	ي -	סר	ס	7.50	ס	ס	ס		24

1.976.21	1.9		Total	Estimate Grand Total	Estin		
\$371.26	₩.				Alternate Total		
ס	\$72.50 CUSTOM L, O&P	\$72.50	1.0000	ė, Ei	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	9 23-51-23-10-1860	
					3.5*4 = 14.00		
	Total Book	Unit Cost	Quantity	UM.	Description	Item	
#24	(08) Fire House #24	0			Durish	Estimator: Mike Durish Alternate	



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 - 4211-RFP-160817-01

Division Summary (MF04) 51,927.50 28. Electrical 27. Communications Summary (MF04) 51,927.50 28. Electrical 27. Communications Subject S	\$1,632.80	Grand Total	ഒ	
26 - Electrical 27 - Communications 28 - Electroics 29 - Electroics 29 - Electroics 20 - Electroics 21 - Communications 22 - Communications 23 - Electroic Safety and Security 31 - Earthwork 32 - Electroic Safety and Security 31 - Earthwork 32 - Electroic Safety and Security 33 - Utilities 34 - Transportation 45 - Water and Marine Transportation 46 - Pollution Control Equipment 48 - Electric Power Generation Alternate Takes Assemblies FMR Assemblies FMR S28.73.85 S(438.83) Priced/Non-Priced Total Non-Priced Items: 7 Total Priced Items: 7			20	
\$1,927.50 \$1,927.50 26 - Electrical 27 - Communications 28 - Rectronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 44 - Pollution Control Equipment 45 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Atternate Trades Assemblies FMR MF04 Total (Without totalling components) Priced/Non-Priced Total Priced Items: 7 Total Priced Items: 7 Total Priced Items: 7	5			
\$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 45 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 44 - Pollution Control Equipment 48 - Electronic Standard Footality 47 - Material Processing and Handling Equipment 48 - Electronic Standard Footality 49 - Valer and Wastewater Equipment 40 - Water and Wastewater Equipment 41 - Material Processing and Handling Equipment 42 - Pollution Control Equipment 43 - Eacthronic Standard Footality 44 - Pollution Control Equipment 45 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment 48 - Electronic Standard Footality 40 - Valer and Marine Transportation 41 - Material Processing and Handling Equipment 43 - Part Processing and Handling Equipment 44 - Pollution Control Equipment 45 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment 47 - Material Processing and Handling Equipment 48 - Electronic Standard Footality 49 - Valer and Wastewater Equipment 40 - Water and Wastewater Equipment 41 - Material Processing and Handling Equipment 42 - Pollution Control Equipment 43 - Valer and Wastewater Equipment 44 - Pollution Control Equipment 45 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment 47 - Material Processing and Handling Equipment 48 - Electronic Standard Footal Processing and Handling Equipment 49 - Water and Wastewater Equipment 40 - Water and Wastewater Equipment 41 - Material Processing and Handling Equipment 42 - Pollution Control Equipment 43 - Valer and Wastewater Equipment 44 - Pollution Control Equipment 45 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment 47 - Water and Wastewater 48 - Water and Wastewater 49 - Water and Wastewater 40 - Water and Wastewater 41 - Water an		ms: 7	T	
26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Water and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 44 - Pollution Control Equipment 48 - Electroic Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components) S2,873.85 S(436.83) JOC Coefficient Standard (-33,0000%)		ed/Non-Priced	Price	
\$1,927.50 \$6 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Pollution Control Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components) MF04 Total (Without totalling components)	\$(804.22)	Coefficient Standard (-33.000%)	27	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
\$1,927.50 \$1,927.50 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 46 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components)		Donat de la Companya		Totalling Components
\$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 45 - Waterway and Marine Transportation 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR	\$2,873.85	4 Total (Without totalling components)	W 0	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
\$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies				22 - Plumbing
\$1,927.50 \$26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 46 - Electric Power Generation Alternate Trades Trades		3mblies	Asse	21 - Fire Suppression
\$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate		les	Trade	14 - Conveying Equipment
\$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation	\$320.10	nate	Alten	13 - Special Construction
\$1,927.50 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		Electric Power Generation	48-1	12 - Furnishings
\$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Exterior Improvements 32 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment		Water and Wastewater Equipment	46 - 1	11 - Equipment
\$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Exterior Improvements 32 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment			44 - 1	10 - Specialties
\$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation		Material Processing and Handling Equipment	41-1	09 - Finishes
\$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation		Waterway and Marine Transportation	35-1	08 - Openings
\$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities		Transportation	34 -	07 - Thermal and Moisture Protection
r: Mike Durish mmary (MF04) Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements	. 3	Utilities	33-1	06 - Wood, Plastics, and Composites
r: Mike Durish mmary (MF04) \$1,927.50 Requirements 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork		Exterior Improvements	32 - 1	05 - Metals
Durish ##604) \$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security		Earthwork	31-1	04 - Masonry
Durish WF04) \$1,927.50 26 - Electrical ints 27 - Communications		Electronic Safety and Security	28 - 1	03 - Concrete
Durish WF04) \$1,927.50 26 - Electrical		Communications	27-0	02 - Existing Conditions
sh		Electrical		01 - General Requirements
	à			Division Summary (MF04)
	e House #27	(09) Fire		Estimator: Mike Durish

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\$320.10	\$3			Alternate Total	Alte
				15.00	2.5*6
ס	\$320.10 CUSTOM L, O&P	\$21.34	15.0000	Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, V.L.F. galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #27	Alternate 7 23-51-23-10-0140 D 9 Dem
\$626.25	\$6			23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total	23 -
ס	\$51.60 RSM166FAC L, C&P	\$ 3.44	15.0000	Labor adjustment factors, add to labor for working in existing occupied buildings, V.L.F. office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #27 2.5*6 = 15.00	6 23-51-23-10-0140-4140 Labor adjuorifice built New Gas Ven Firehouse #2: 2.5*6 = 15.00
ס	\$72.15 RSM16eFAC L, O&P	\$4.81	15.0000	Labor adjustment factors, add to labor for elevated installation, above floor level, V.L.F. 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #27 2.5*6 = 15.00	5 23-51-23-10-0140-1140 Labor adju 25' to 29.5 New Gas Ven Firehouse #2' 2.5°6 = 15.00
. פר	\$502.50 RSM16eFAC M, L, O&P	\$33.50	15.0000	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 V.L.F. Steel, 6" diameter New Gas Vents Firehouse #27 2.5*6 = 15.00	23 - Heating, Ventilating, and 4 23-51-23-10-0140 Gas chim steel, 6" d New Gas Ven Firehouse #27 2.5*6 = 15.00
\$1,927.50	\$1,9			01 - General Requirements Total	01-
ס	\$800.00 RSM16eFAC L, O&P	\$4,000.00	0.2000	Field personnel, superintendent, maximum Week Firehouse #27 1/5 = 0.20	3 01-31-13-20-0280 Field p Firehouse 1/5 = 0.20
ס	\$755.00 RSM16eFAC L, O&P	\$3,775.00	0.2000	Field personnel, project manager, average Week Firehouse #27 1/5 = 0.20	2 01-31-13-20-0200 Field p Firehouse 1/5 = 0.20
TO .	\$372.50 RSM16eFAC L, O&P	\$745.00	0.5000	lents Field personnel, clerk, average shouse #27	01 - General Requirements 1 01-31-13-20-0020 Field perso
	Total Book	Unit Cost	Quantity	Description UM	Item Des
#27	(09) Fire House #27				Estimator: Mike Durish

Estimate Grand Total	Alternate ltem Desc	urish Description	N)
			Estimate G
			25
	×		
			ii daadaa daadaa daadaa daadaa daadaa daadaa
		2	

Unit Cost

Total Book

(09) Fire House #27

Final Estimate



Alpha Building Corporation-Mike Durish
Alpha Building Corporation
Alpha Bui

Estimator: Mike Durish S1.927.50 26 - Electrical (7 - Communications Summary (MF04) S1.927.50 27 - Communications (8 - Communications Summary (MF04) S1.927.50 27 - Communications (9 - Communications Safety and Security (9 - Communications Safety and Security (9 - Communications Safety Saf	\$2,170.49		Grand Total		
Stand Air-Conditioning (HVAC) Its Composites Stand Air-Conditioning (HVAC) States Stand Air-Conditioning (
Durish WF04) \$1,927.50 26 - Electrical 27 - Communications 27 - Communications 27 - Communications 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 31 - Earthwork 32 - Exterior Improvements 33 - Waterway and Marine Transportation 41 - Prollution Control Equipment 44 - Pollution Control Equipment 48 - Transportation 48 - Prollution Control Equipment 48 - Prollution Control Equipment 48 - Water and Wastewater Equipment 48 - Water and Wastewater Equipment 49 - Valental Processing and Handling Equipment 49 - Valental Processing and Handling Equipment 40 - Valental Processing and Handling Equipme)				
Durish 26 - Electrical MF04) \$1,927.50 26 - Electrical MF04) \$1,927.50 27 - Communications 27 - Communications 27 - Communications 28 - Electroic Safety and Security 31 - Earthwork 32 - Exterior Improvements 32 - Utilities 33 - Utilities 34 - Transportation 34 - Transportation 41 - Material Processing and Handling Equipment 41 - Pollution Control Equipment 44 - Pollution Control Equipment 44 - Pollution Control Equipment 45 - Electric Power Generation 41 - Material Processing and Handling Equipment 46 - Water and Wastewater Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 45 - Flectric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components) Priced/Non-Priced		ems: 7	Total Priced Items Total Non-Priced I		
MF04) \$1,927.50 mits \$3. Electrical 27. Communications 28. Electronic Safety and Security 31. Earthwork 32. Exterior Improvements 32. Exterior Improvements 33. Utilities 34. Transportation 35. Waterway and Marine Transportation 44. Pollution Control Equipment 46. Water and Wastewater Equipment 48. Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components) JOC Coefficient Standard (-33.0000%)			Priced/Non-Priced		
MF04) ##64	w(1,000:04)	(-35,0000/8)	OCC COGNICION CHANGE	\$(580.67)	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
MF04) MF04) MF04) S1,927.50 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)	\$/4 060 04)	(22 000%)	IOC Coefficient Standa	62 620 20	Totalling Components
MF04) MF04) MF04) S1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Pollution Control Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR	\$3,820.20	otalling components)	MF04 Total (Without to	\$1,252.50	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
MF04) ##64 ##64 ##65 ##65 ##66			FMR		22 - Plumbing
MF04) \$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 40 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 44 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades			Assemblies		21 - Fire Suppression
MF04) \$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate			Trades		14 - Conveying Equipment
MF04) \$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterial Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation	\$640.20		Alternate		13 - Special Construction
MF04) \$1,927.50 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		eration	48 - Electric Power Gen		12 - Furnishings
MF04) \$1,927.50 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		ater Equipment	46 - Water and Wastew		11 - Equipment
MF04) \$1,927.50 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		rupment	44 - Pollution Control Ec		10 - Specialties
MF04) \$1,927.50 26 - Electrical nts 27 - Communications 28 - Electronic Safety and Security 28 - Electronic Improvements 31 - Earthwork 32 - Exterior Improvements 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation		and Handling Equipment	41 - Material Processing		09 - Finishes
Durish MF04) \$1,927.50 26 - Electrical nts 27 - Communications 28 - Electronic Safety and Security 28 - Electronic Safety and Security 31 - Earthwork 3 - Exterior Improvements 32 - Utilities 34 - Transportation 34 - Transportation		ine Transportation	35 - Waterway and Mari		08 - Openings
Durish WF04) \$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities					07 - Thermal and Moisture Protection
Durish \$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements			33 - Utilities		06 - Wood, Plastics, and Composites
Durish \$1,927.50 26 - Electrical onts 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork		ents	32 - Exterior Improveme		05 - Metals
Durish \$1,927.50 26 - Electrical onts 27 - Communications 28 - Electronic Safety and Security			31 - Earthwork		04 - Masonry
Durish wF04) \$1,927.50 26 - Electrical nts 27 - Communications		nd Security	28 - Electronic Safety ar		03 - Concrete
Durish wF04) \$1,927.50 26 - Electrical			27 - Communications		02 - Existing Conditions
sh			26 - Electrical	\$1,927.50	01 - General Requirements
					Division Summary (MF04)
	House #28	(10) Fire			Estimator: Mike Durish
	T-100017-01				

\$640.20	\$6				Alternate Total	
ı					2.5*12 = 30.00	
70	\$640.20 CUSTOM L, O&P	\$21.34	30.0000	ed metal, U.L. listed, gas, double wall, V.L.F.	Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #28	Alternate 7 23-51-23-10-0140
\$1,252.50	\$1,:			-Conditioning (HVAC) Total	23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total	
ס	\$103.20 RSM16eFAC L, O&P	\$3.44	30.0000	Labor adjustment factors, add to labor for working in existing occupied buildings, V.L.F. office building (Modified using 22-01-02-20-4140) w Gas Vents ehouse #28 *12 = 30.00	2.5 ii e	6 23-51-23-10-0140-4140
, סד	\$144.30 RSM16eFAC L, O&P	\$4.81	30.0000	Labor adjustment factors, add to labor for elevated installation, above floor level, V.L.F. 25' to 29.5' high (Modified using 22-01-02-20-1140) w Gas Vents shouse #28 *12 = 30.00	2.5 Tire	5 23-51-23-10-0140-1140
. סד	\$1,005.00 RSM16eFAC M.L. O&P	\$33.50	30.0000	ng, and Air-Conditioning (HVAC) Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized V.L.F. steel, 6" diameter w Gas Vents shouse #28 *12 = 30.00	23 - Heating, Ventilating, and Air-Conditioning (HVAC) 4 23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. steel, 6" diameter New Gas Vents Firehouse #28 2.5*12 = 30.00	23 - Heating, Ven 4 23-51-23-10-0140
\$1,927.50	\$1,0	8			01 - General Requirements Total	
ם .	\$800.00 RSM16eFAC L, O&P	\$4,000.00	0.2000	num Week	Field personnel, superintendent, maximum Firehouse #28 1/5 = 0.20	3 01-31-13-20-0280
ים	\$755.00 RSM16eFAC L, O&P	\$3,775.00	0.2000	age Week	Field personnel, project manager, average Firehouse #28 1/5 = 0.20	2 01-31-13-20-0200
ס־	\$372.50 RSM16eFAC L, O&P	\$745.00	0.5000	Week	uirements Field personnel, clerk, average Firehouse #28	01 - General Requirements 1 01-31-13-20-0020 Field p
	Total Book	Unit Cost	Quantity	MO	Description	Item
#28	(10) Fire House #28				Durish	Estimator: Mike Durish

Estimator:	Alpha
tor: Wike Durich	Building
1	Corporation

(10) Fire House #28

Alternate Estimator: Mike Durish Item

Description

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Quantity

Unit Cost

Total Book

Estimate Grand Total

2,170.49



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

Minimary (MF04) S1,172.50 26 - Electrical To Communications To Communication To Commun	\$773.70		Grand Total		
26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exercitoric Safety and Security 33 - Exercitoric Improvements 33 - Utilities 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation At a representation 41 - Material Processing and Handling Equipment 48 - Electric Power Generation At a representation At a repres					
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 30 - Earthwork 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 45 - Waterial Processing and Handling Equipment 46 - Water and Wastewater Equipment 48 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Naterial Processing and Handling Equipment 48 - Electronic Safety and Security 41 - Naterial Processing and Handling Equipment 48 - Electronic Safety and Security 41 - Naterial Processing and Handling Equipment 48 - Electronic Safety and Security 41 - Naterial Processing and Handling Equipment 48 - Electronic Safety and Security 47 - Valer and Wastewater Equipment 48 - Electronic Safety and Security 47 - Valer and Wastewater Equipment 48 - Electronic Safety and Security 40 - Valer and Wastewater Equipment 48 - Electronic Safety and Security 47 - Valer and Wastewater Equipment 48 - Electronic Safety and Security 49 - Valer and Wastewater Equipment 40 - Valer and Wastewater Equipment 41 - Naterial Processing and Handling Equipment 48 - Electronic Safety and Security 49 - Valer and Wastewater Equipment 40 - Valer and Wastewater Equipment 41 - Naterial Processing and Handling Equipment 48 - Electronic Safety and Security		\$1,361.77	o		
\$1,172.50 \$1,172.50 \$26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 45 - Water and Waster Tequipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR 48 - State Now (Annual Components) 51,361.77 \$1,361.77	0.00%	\$1,361.77 \$0.00	s: Items:		
\$1,172.50 \$1,172.50 \$26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR FMR \$1,361.77 \$1,361.77 \$1,361.77 \$1,00C Coefficient Standard (-33.0000%)			Priced/Non-Priced		
\$1,172.50 \$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components)	\$(381.08)		JUC Coefficient Standard (-33.0000%)	\$1,361.77 \$(206.99)	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
\$1,172.50 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)	200			2	Totalling Components
\$1,172.50 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 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR	\$1,361.77			\$125.25	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
\$1,172.50 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		22 - Plumbing
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Trades			Assemblies		21 - Fire Suppression
\$1,172.50 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 Altermate			Trades		14 - Conveying Equipment
\$1,172.50 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	\$64.02		Alternate		13 - Special Construction
\$1,172.50 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		12 - Furnishings
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment			46 - Water and Wastewater Equipment		11 - Equipment
\$1,172.50 \$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements ities 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment			44 - Pollution Control Equipment		10 - Specialties
\$1,172.50 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 		09 - Finishes
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 34 - Transportation			Ma		08 - Openings
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities			34 - Transportation		07 - Thermal and Moisture Protection
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements			33 - Utilities		06 - Wood, Plastics, and Composites
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork			32 - Exterior Improvements		05 - Metals
\$1,172.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security			31 - Earthwork		04 - Masonry
\$1,172.50			28 - Electronic Safety and Security		03 - Concrete
\$1,172.50 26 - Electrical			27 - Communications		02 - Existing Conditions
			26 - Electrical	\$1,172.50	01 - General Requirements
					Division Summary (MF04)
	ouse #30	(11) Fire H			Estimator: Mike Durish

\$64.02	to				Alternate Total	
					1*3 = 3.00	
ס	\$64.02 CUSTOM L, O&P	\$21.34	3.0000	Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, V.L.F. galvanized steel, 6" diameter no Existing Gas Vents	3-10-0140 Der Fire	Alternate 6 23-51-2
\$125.25	\$1			23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total	23 - Heating, Ventilating, a	
ס	\$10.32 RSM16eFAC L, O&P	\$ 3.44	3.0000	Labor adjustment factors, add to labor for working in existing occupied buildings, V.L.F. office building (Modified using 22-01-02-20-4140) w Gas Vents shouse #30	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #30 1*3 = 3.00	5 23-51-
ס	\$14.43 RSM16eFAC L, O&P	\$4.81	3.0000	Labor adjustment factors, add to labor for elevated installation, above floor level, V.L.F. 25' to 29.5' high (Modified using 22-01-02-20-1140) w Gas Vents shouse #30	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #30 1*3 = 3.00	4 23-51-
ס	\$100.50 RSM16eFAC M.L. O&P	\$33.50	3.0000	ng, and Air-Conditioning (HVAC) Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized V.L.F. steel, 6" diameter w Gas Vents phouse #39 = 3.00	23 - Heating, Ventilating, and Air-Conditioning (HVAC) 3 23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. I steel, 6" diameter New Gas Vents Firehouse #39 1*3 = 3.00	23 - Hea t 3 23-51-3
\$1,172.50	\$1,1			Total	01 - General Requirements Total	
ס	\$800.00 RSM16eFAC L, O&P	\$4,000.00	0.2000	t, maximum Week	01-31-13-20-0280 Field personnel, superintendent, maximum Firehouse #30 1/5 = 0.20	2 01-31-
ס	\$372.50 RSM16eFAC L, O&P	\$745.00	0.5000	Week	- General Requirements 01-31-13-20-0020 Field personnel, clerk, average Firehouse #30	01 - Gen 1 01-31-
	Total Book	Unit Cost	Quantity	MU	n Description	Item
#30	(11) Fire House #30				Estimator: Mike Durish	Estimat

(11) Fire House #30

Alpha Building Corporation

Estimator: Mike Durish

Description

Estimate Grand Total

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Quantity

Unit Cost

Total Book

773.70



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 Hail Damage - 4211-RFP-160817-01

\$5,712.90 \$0.00 0.00% \$5,712.90	Priced/Non-Priced Total Priced Items: 7 Total Non-Priced Items: 0 7		
	ns: tems:		
i de la companya de l	Priced/Non-Priced		
\$(1,598.70)	JOC Coefficient Standard (-33.0000%)	\$5,712.90 \$(868.36)	RS Means Sublotal RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
			Totalling Components
\$5,712.90	MF04 Total (Without totalling components)	\$2,505.00	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
	FMR		22 - Plumbing
k d	Assemblies		21 - Fire Suppression
	Trades		14 - Conveying Equipment
\$1,280.40	Alternate		13 - Special Construction
	48 - Electric Power Generation		12 - Furnishings
	46 - Water and Wastewater Equipment		11 - Equipment
	44 - Pollution Control Equipment		10 - Specialties
	41 - Material Processing and Handling Equipment		09 - Finishes
	35 - Waterway and Marine Transportation		08 - Openings
\$ 1	34 - Transportation		07 - Thermal and Moisture Protection
	33 - Utilities		06 - Wood, Plastics, and Composites
	32 - Exterior Improvements		05 - Metals
	31 - Earthwork		04 - Masonry
	28 - Electronic Safety and Security		03 - Concrete
	27 - Communications		02 - Existing Conditions
	26 - Electrical	\$1,927.50	01 - General Requirements
			Division Summary (MF04)
(12) Fire House #31			Estimator: Mike Durish

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\$1,280.40	\$1,2				Alternate Total	
					15*4 = 60.00	
ס	\$1,280.40 CUSTOM L. O&P	\$21.34	60.0000	listed, gas, double wall, V.L.F.	Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #31	Alternate 7 23-51-23-10-0140
\$2,505.00	\$2,5			ning (HVAC) Total	23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total	
ס	\$206.40 RSM166FAC L, O&P	\$3,44	60.0000	existing occupied buildings, V.L.F.	 40 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 	6 23-51-23-10-0140-4140
פר	\$288.60 RSM16eFAC L, O&P	\$4.81	60.0000	nstallation, above floor level, V.L.F.	40 Labor adjustment factors, add to labor for elevated installation, above floor level, V.L.F. 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #31 15*4 = 60.00	5 23-51-23-10-0140-1140
יס	\$2,010.00 RSM16eFAC M, L, O&P	\$33.50	60.0000	gas, double wall, galvanized V.L.F.	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 V.L.F. Steel, 6" diameter New Gas Vents Firehouse #31 15*4 = 60,00	23 - Heating, Venti 4 23-51-23-10-0140
\$1,927.50	\$1,9		9		01 - General Requirements Total	
סר	\$800.00 RSM16eFAC L, O&P	\$4,000.00	0.2000	Week	Field personnel, superintendent, maximum Firehouse #31 1/5 = 0.20	3 01-31-13-20-0280
ס,	\$755.00 RSM16eFAC L, O&P	\$3,775.00	0.2000	Week	Field personnel, project manager, average Firehouse #31 1/5 = 0.20	2 01-31-13-20-0200
ס	\$372.50 RSM16eFAC L, O&P	\$745.00	0.5000	Week	irements Field personnel, clerk, average Firehouse #31	01 - General Requirements 1 01-31-13-20-0020 Firehouse
	Total Book	Unit Cost	Quantity	MU	Description	Item
#31	(12) Fire House #31				Durish	Estimator: Mike Durish

Alpha Building Corporation Estimator: Mike Durish
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Alternate

Item

Final Estimate

(12) Fire House #31

Description

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Quantity

Unit Cost

Total Book

Estimate Grand Total

3,245.84



Alpha Building Corporation-Mike Durish Alpha Building Corporation 2015-01-15-0013 - City of San Antonio Job Order Contract - First Option -

| 15-01-15-0013 - City of San Antonio Job Order Contract - First Option -1/15/2016 to 1/14/2017 COSA Hail Damage - 4211-RFP-160817-01

\$(645.32) \$2,306.04 \$0.00 0.00% \$2,306.04	7		
	7		
\$(645.32)	Total Priced Items: 7 Total Non-Priced Items: 0		
\$(645.32)	Priced/Non-Priced		
\$(645.32)	Co comment (occord)	\$(350.52)	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
	JOC Coefficient Standard (-33 0000%)	\$2,306,04	RS Means Subtotal
			Totalling Components
\$2,306.04	MF04 Total (Without totalling components)	\$250.50	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
	FMR		22 - Plumbing
	Assemblies		21 - Fire Suppression
	Trades		14 - Conveying Equipment
\$128.04	Alternate		13 - Special Construction
	48 - Electric Power Generation		12 - Furnishings
	46 - Water and Wastewater Equipment		11 - Equipment
	44 - Pollution Control Equipment		10 - Specialties
# P	41 - Material Processing and Handling Equipment		09 - Finishes
	35 - Waterway and Marine Transportation		08 - Openings
	34 - Transportation		07 - Thermal and Moisture Protection
€ 2	33 - Utilities		06 - Wood, Plastics, and Composites
	32 - Exterior Improvements		05 - Metals
	31 - Earthwork		04 - Masonry
	28 - Electronic Safety and Security		03 - Concrete
	27 - Communications		02 - Existing Conditions
	26 - Electrical	\$1,927.50	01 - General Requirements
			Division Summary (MF04)
(13) Fire House #32			Estimator: Mike Durish

\$128.04					Alternate Total	
					1.5*4 = 6.00	
₽ P	\$128.04 CUSTOM L, O&P	\$21.34	6.0000	Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, V.L.F. galvanized steel, 6" diameter no Existing Gas Vents	Der Fire	Alternate 7 23-51-23-10-0140
\$250.50				Ventilating, and Air-Conditioning (HVAC) Total	23 - Heating, Ventilating, and	
6eFAC P	\$20.64 R\$M16eFAC L, O&P	\$3.44	6.0000	Labor adjustment factors, add to labor for working in existing occupied buildings, V.L.F. office building (Modified using 22-01-02-20-4140) w Gas Vents ehouse #32 *4 = 6.00	1.5 Ti Ne	6 23-51-23-10-0140-4140
6eFAC P	\$28.86 RSM16eFAC L. 0&P	\$4.81	6.0000	Labor adjustment factors, add to labor for elevated installation, above floor level, V.L.F. 25' to 29.5' high (Modified using 22-01-02-20-1140) w Gas Vents shouse #32 "4 = 6.00	New 1.5	5 23-51-23-10-0140-1140
6eFAC P O&P	\$201.00 RSM16eFAC M, L, O&P	\$33.50	6.0000	ng, and Air-Conditioning (HVAC) Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized V.L.F. steel, 6" diameter w Gas Vents shouse #32 *4 = 6.00	ntilatir Nev Fire 1.5	23 - Heating, Ve
\$1,927.50				Total	01 - General Requirements T	
6eFAC P	\$800.00 RSM16eFAC L, O&P	\$4,000.00	0.2000	naximum Week	-0280 Field personnel, superintendent, maximum Firehouse #32 1/5 = 0.20	3 01-31-13-20-0280
&P P	\$755.00 RSM16eFAC L, O&P	\$3,775.00	0.2000	average Week	-0200 Field personnel, project manager, average Firehouse #32 1/5 = 0.20	2 01-31-13-20-0200
6eFAC P	\$372.50 RSM16eFAC	\$745.00	0.5000	Week	General Requirements 01-31-13-20-0020 Field personnel, clerk, average Firehouse #32	01 - General Red
Book	Total Bo	Unit Cost	Quantity	MU	Description	Item
use #32	(13) Fire House #32				Estimator: Mike Durish	Estimator:

(13) Fire House #32

Alternate

Item

Description

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Quantity

Unit Cost

Total Book

Estimate Grand Total

1,310.20



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 Hail Damage - 4211-RFP-160817-01

\$1,363.97	Grand Total		
0.68	7 \$2,400.68		
0.68 0.00 0.00%	Total Priced Items: 7 \$2,400.68 Total Non-Priced Items: 0 \$0.00		
	Priced/Non-Priced	ia S	
		\$(364.90)	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
\$(671.81)	JOC Coefficient Standard (-33.0000%)	\$2,400.68	RS Means Subtotal
			Totalling Components
\$2,400.68	MF04 Total (Without totalling components)	\$313.13	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
	FMR		22 - Plumbing
	Assemblies		21 - Fire Suppression
	Trades		14 - Conveying Equipment
\$160.05	Alternate		13 - Special Construction
	48 - Electric Power Generation		12 - Furnishings
	46 - Water and Wastewater Equipment		11 - Equipment
	44 - Pollution Control Equipment		10 - Specialties
	41 - Material Processing and Handling Equipment		09 - Finishes
	35 - Waterway and Marine Transportation		08 - Openings
	34 - Transportation		07 - Thermal and Moisture Protection
	33 - Utilities		06 - Wood, Plastics, and Composites
	32 - Exterior Improvements		05 - Metals
	31 - Earthwork		04 - Masonry
	28 - Electronic Safety and Security		03 - Concrete
	27 - Communications		02 - Existing Conditions
	26 - Electrical	\$1,927.50	01 - General Requirements
			Division Summary (MF04)
(14) Fire House #34	(14) F		Estimator: Mike Durish

\$160.05	\$1				Alternate Total	
					1.5*5 = 7.50	
ס	\$160.05 CUSTOM L, O&P	\$21.34	7.5000	netal, U.L. listed, gas, double wall, V.L.F.	Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #34	Alternate 7 23-51-23-10-0140
\$313.13	%			nditioning (HVAC) Total	23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total	
0	\$25.80 RSM16eFAC L, O&P	\$3.44	7.5000	orking in existing occupied buildings, V.L.F. 4140)	 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 	6 23-51-23-10-0140-4140
סר	\$36.08 RSM16eFAC L, O&P	\$4.81	7.5000	Labor adjustment factors, add to labor for elevated installation, above floor level, V.L.F. 25' to 29.5' high (Modified using 22-01-02-20-1140) w Gas Vents shouse #34 *5 = 7.50	1.5 E No.	5 23-51-23-10-0140-1140
ס	\$251.25 RSM16eFAC M, L, O&P	\$33.50	7.5000	ng, and Air-Conditioning (HVAC) Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, galvanized V.L.F. steel, 6" diameter w Gas Vents shouse #34 *5 = 7.50	23 - Heating, Ventilating, and Air-Conditioning (HVAC) 4 23-51-23-10-0140 Gas chimney vents, prefabricated metal, U.L. steel, 6" diameter New Gas Vents Firehouse #34 1.5*5 = 7.50	23 - Heating, Vent 4 23-51-23-10-0140
\$1,927.50	\$1,9				01 - General Requirements Total	
ס	\$800.00 RSM16eFAC L, O&P	\$4,000.00	0,2000	Week	Field personnel, superintendent, maximum Firehouse #34 1/5 = 0.20	3 01-31-13-20-0280
יי. ס	\$755.00 RSM16eFAC L, O&P	\$3,775.00	0.2000	Week	Field personnel, project manager, average Firehouse #34 1/5 = 0.20	2 01-31-13-20-0200
סד	\$372.50 RSM16eFAC L, O&P	\$745.00	0.5000	Week	uirements Field personnel, clerk, average Firehouse #34	01 - General Requirements 1 01-31-13-20-0020 Field p
	Total Book	Unit Cost	Quantity	MU	Description	Item
#34	(14) Fire House #34				Durish	Estimator: Mike Durish
					-	

Item	Alternate	Estimator: Mike Durish	Alpha Building
Description		ke Durish	ling Corporation

Estimate Grand Total

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Quantity

Unit Cost

Total Book

1,363.97

(14) Fire House #34

Final Estimate

Printed 25 AUG 2016 3:51PM v2.628

COSA Hail Damage - 4211-RFP-160817-01



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 Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish (15) Fire House #38 Division Summary (MF04) \$2,547.50 26. Electrical 27. Communications 28. Electrical 27. Communications 28. Electrical 27. Communications 27. Communications 28. Electrical 27. Communications 28. Electrical	\$5,846.20		Grand Total	ତ୍ର	
mmary (MF04) Requirements Conditions Requirements Requir		\$10,289.71	3		
mmary (MF04) Requirements Conditions Condit	0.00%	\$10,289.71 \$0.00		Ť	
mmary (MF04) Requirements Re			d/Non-Priced	Price	
mmary (MF04) Requirements Conditions State Durish State Durish 28 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 41 - Material Processing and Marine Transportation 41 - Material Processing and Handling Equipment 42 - Water and Wastewater Equipment 43 - Water and Wastewater Equipment 44 - Pollution Control Equipment 45 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment 47 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Trade	\$(2,679.47)	Ege.	Coefficient Standard (-55,0000%)		RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
mmary (MF04) Requirements Conditions Seconditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Exterior Improvements 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 48 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies Assemblies FMR MF04 Total (Without totalling components)	2000		7-15-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		Totalling Components
mmary (MF04) Requirements Conditions Requirements 28 - Electrical 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation s 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR Requirements 28 - Electrical 29 - Evenior Improvements 30 - Exterior Improvements 31 - Water and Marine Transportation 41 - Material Processing and Handling Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR	\$10,289.71			Tues	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
mmary (MF04) Requirements Conditions Requirements 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation s Moisture Protection \$3,095.00 A1 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies				eu v	22 - Plumbing
r: Mike Durish Immary (MF04) Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 5 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Water and Wastewater Equipment 48 - Water and Vastewater Equipment 49 - Pollution Control Equipment 40 - Water and Vastewater Equipment 41 - Water and Vastewater Equipment 42 - Water and Vastewater Equipment 43 - Water and Vastewater Equipment 44 - Water and Vastewater Equipment 48 - Water and Vastewater Equipment 49 - Water and Vastewater Equipment 40 - Water and Vastewater Equipment 41 - Water and Vastewater Equipment 42 - Water and Vastewater Equipment 43 - Water and Vastewater Equipment 44 - Water and Vastewater Equipment 45 - Water and Vastewater Equipment 46 - Water and Vastewater Equipment 47 - Water and Vastewater Equipment 48 - Water and Vastewater Equipment 49 - Water and Vastewater Equipment 49 - Water and Vastewater Equipment 40 - Water and Vastewater Equipment 40 - Water and Vastewater Equipment 40 - Water and Vastewater Equipment 41 - Water and Vastewater Equipment 41 - Water and Vastewater Equipment 42 - Water and Vastewater Equipment 43 - Water and Vastewater Equipment 44 - Water and Vastewater Equipment 45 - Water and Vastewater Equipment 46 - Water and Vastewater Equipment 47 - Water and Vastewater Equipment 48 - Water and Vastewater Equipment 49 - Water and Vastewater Equipment 40 - Water and Vastewater Equipment 40 - Water and Vastewater Equipment 41 - Water and Vastewater Equipment 44 - Water and Vastewater Equipment			nblies	Asser	21 - Fire Suppression
r: Mike Durish S2,547.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 35 - Water and Marine Transportation 41 - Material Processing and Handling Equipment 48 - Electric Power Generation Alternate		Š	Trade	14 - Conveying Equipment	
r: Mike Durish S2,547.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 34 - Transportation 41 - Material Processing and Handling Equipment 48 - Electric Power Generation 48 - Electrical 27 - Communications 28 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 34 - Transportation 41 - Material Processing and Handling Equipment 48 - Electric Power Generation 48 - Electric Power Gener	\$1,709.33		nate	Alterr	13 - Special Construction
r: Mike Durish S2,547.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Electronic Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 46 - Water and Wastewater Equipment 47 - Pollution Control Equipment 46 - Water and Wastewater Equipment 47 - Pollution Control Equipment 46 - Water and Wastewater Equipment 47 - Pollution Control Equipment 46 - Water and Wastewater Equipment 47 - Pollution Control Equipment 48 - Water and Wastewater Equipment 48 - W			Electric Power Generation	48 - E	12 - Furnishings
r: Mike Durish S2,547.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Earthwork 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 44 - Pollution Control Equipment 44 - Pollution Control Equipment 45 - Material Processing and Handling Equipment 46 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Earthwork 32 - Earthwork 32 - Earthwork 32 - Earthwork 33 - Utilities 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 44 - Pollution Control Equipment 45 - Electronic Safety and Security 26 - Electronic Safety and Security 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Earthwork 33 - Utilities 33 - Utilities 34 - Transportation 44 - Pollution Control Equipment 45 - Electronic Safety and Security 45 - Electronic Safety and Security 47 - Material Processing and Handling Equipment 45 - Electronic Safety and Security 47 - Material Processing and Handling Equipment 48 - Material Processing and Handling Equipmen			Vater and Wastewater Equipment	46 - V	11 - Equipment
r: Mike Durish Immary (MF04) Requirements Conditions			ollution Control Equipment	44 - F	10 - Specialties
r: Mike Durish Immary (MF04) \$2,547.50 26 - Electrical 27 - Communications 27 - Communications 28 - Earthwork 28 - Earthwork 27 - Earthwork 28 - Earthwork 28 - Earthwork 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Tran	\$2,750.00		Naterial Processing and Handling Equipment	41-1	09 - Finishes
r: Mike Durish Immary (MF04) \$2,547.50 26 - Electrical 27 - Communications 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 34 - Transportation 34 - Transportation 35 - Utilities 36 - Utilities 36 - Utilities 37 - Utilities 37 - Utilities 38 - Utilities 38 - Utilities 38 - Utilities 39 - Utilities 30			Vaterway and Marine Transportation	e e e e e	08 - Openings
r: Mike Durish Immary (MF04) Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities	Ų.		ransportation	34 - 1	07 - Thermal and Moisture Protection
r: Mike Durish Immary (MF04) Requirements Conditions 32 - Electrical 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements			Hilities	33-1	06 - Wood, Plastics, and Composites
r: Mike Durish Immary (MF04) \$2,547.50 Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork			Improve	32 - E	05 - Metals
r: Mike Durish Immary (MF04) \$2,547.50 Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security			arthwork	31 - E	04 - Masonry
: Mike Durish mmary (MF04) Requirements S2,547.50 26 - Electrical 27 - Communications			Electronic Safety and Security	28 - E	03 - Concrete
Durish WF04) \$2,547.50 26 - Electrical			communications	27 - 0	02 - Existing Conditions
			Electrical	#(X=)	01 - General Requirements
					Division Summary (MF04)
	louse #38	(15) Fire H			Estimator: Mike Durish
	-16UX1/-U1		COSA FIRE		

ס	\$21.65 RSM16eFAC L, O&P	\$4.81	4.5000	V.L.F.	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	8 23-51-23-10-0140-1140
70	\$150.75 RSM16eFAC M, L, O&P	\$33.50	4.5000	V.L.	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 V.L.F. steel, 6" diameter New Gas Vents Firehouse #38 1.5*3 = 4.50	23 - Heating, Ven 7 23-51-23-10-0140
\$3,095.00	\$3,0				08 - Openings Total	
ס	\$2,445.00 RSM16eFAC M. L. O&P	\$815.00 \$2	3.0000	in E	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 shylights Firehouse #38	6 08-63-13-20-1070
ס	\$650.00 RSM16eFAC M, L, O&P	\$650.00	1.0000	β	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	08 - Openings 5 08-63-13-20-1060
\$2,547.50	\$2,5				01 - General Requirements Total	
יס	\$620.00 RSM16eFAC L, E, O&P	\$310.00	2.0000	Б	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	4 01-54-36-50-1300
ס	\$800.00 RSM16eFAC L, O&P	\$4,000.00	0.2000	Week	Field personnel, superintendent, maximum Firehouse #38 1/5 = 0.20	3 01-31-13-20-0280
ס	\$755.00 RSM16eFAC L, O&P	\$3,775.00	0.2000	Week	Field personnel, project manager, average Firehouse #38 1/5 = 0.20	2 01-31-13-20-0200
ס ס	\$372.50 RSM16eFAC L, O&P	\$745.00	0.5000	Week	uirements Field personnel, clerk, average Firehouse #38	01 - General Requirements 1 01-31-13-20-0020 Firehouse
	Total Book	Unit Cost	Quantity	C M	Description	Item
#38	(15) Fire House #38	()			Durish	Estimator: Mike Durish

5,846.20			nd Total	Estimate Grand Total	
\$1,709.33				Alternate Total	
				1.5*3 = 4.50	
\$96.03 CUSTOM P	\$96.03	\$21.34	4.5000	23-51-23-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, V.L.F., galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #38	13
CUSTOM P	\$1,207.50 CUSTOM L, O&P	\$402.50	3.0000	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 shylights Firehouse #38	12
) CUSTOM P	\$405.80 CUSTOM L. O&P	\$405.80	1.0000	Alternate 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	Alte
\$2,750.00				41 - Material Processing and Handling Equipment Total	
\$2,750.00 RSM16eFAC P	\$2,750.00	\$2,750.00	1.0000	- Material Processing and Handling Equipment 41-22-23-10-2100 Material handling, hoists, electric overhead, chain, hook hung, 15' lift, 1 ton Ea, capacity Hoist to bring material on and off roof. Firehouse #38	10 . -
\$187.88				23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total	
\$15.48 RSM16eFAC P	\$15.48	\$3.44	4.5000	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, V.L.F. office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #38 1.5*3 = 4.50	φ
Book	Total	Unit Cost	Quantity	Item Description UM	
				23 - Heating, Ventilating, and Air-Conditioning (HVAC)	23 - Н
(15) Fire House #38	(15) Fire			Estimator: Mike Durish	Est



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

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## MIKE Durish mmary (MF04) \$1,927.50 26 - Electrical tequirements 27 - Communications 28 - Electrical tequirements 27 - Communications 28 - Electrical tequirements 28 - Electrical tequirements 28 - Electrical tequirements 28 - Electrical tequirements 27 - Communications 27 - Communications 27 - Communications 28 - Electrical tequirements 28 - Electrical tequirements 27 - Exterior Improvements 27 - Exterior Improvements 27 - Exterior Improvements 28 - Electrical tequirement 28 - Electrical tequirements 27 - Exterior Improvements 28 - Electrical Exterior Improvements 27 - Exterior Improvements 27 - Exterior Improvements 27 - Exterior Improvements 28 - Electrical Exterior Improvements 27 - Exterior Improvements 27 - Exterior Improvements 28 - Exterior Improvements 28 - Electrical Exterior Improvements 28 - Electroic Exterior Improvements 28 - Exterior Improvements	### totalling components) totalling components) fard (-33.0000%) fard (-33.0000%) fard (-33.0000%) #### ###############################	Price	
mmary (MF04) tequirements tequirements tequirements solitics, and Composites mid Moisture Protection s guirement guirement s guirement s guirement guirement s guirement 41 - Material Processing and Marine Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 44 - Pollution Control Equipment 45 - Water and Wassewater Equipment 46 - Water and Wassewater Equipment Alternale Trades FMR Assemblies FMR MF04 Total (Without totalling components) Priced/Non-Priced Total Priced Items: 7 Total Priced Items: 7 Total Non-Priced Items:	totalling components) totalling components) lard (-33.0000%) lard (-38.0000%) s: 7 \$2,211.41 \$1.6000000000000000000000000000000000000	Price	
mmary (MF04) steguirements conditions astics, and Composites and Moisture Protection s softicities strict s centilating, and Air-Conditioning (HVAC) AANTONIO, TX CCI 2016Q2, 84 80% stepsion mmary (MF04) \$1,927.50 \$1,927.50 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 46 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components) Priced/Non-Priced Priced/Non-Priced	eneration totalling components) lard (-33.0000%)	e:	
Immary (MF04) sequirements conditions sequirements conditions 27 - Communications 28 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 44 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies	nents)	4,000	
Immary (MF04) steguirements conditions and Composites ind Moisture Protection s General Security 31 - Earthwork 32 - Exterior improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 35 - Waterway and Marine Transportation 46 - Water and Wastewater Equipment 48 - Electric Power Generation 48 - Electric Power Generation Alternate Frades Assemblies	nents)		RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
Immary (MF04) lequirements S1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 32 - Exterior Improvements 33 - Utilities 34 - Transportation 5 - 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)	upment \$2, components)		Totalling Components RS Means Subtotal
mmary (MF04) steguirements conditions stics, and Composites astics, and Composites and Moisture Protection s s s g g g g g g g g g g	upment	- 55. Na - 7	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
Immary (MF04) stonditions 26 - Electrical 27 - Communications 28 - Electronic Sarlety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 42 - Pollution Control Equipment 43 - Water and Wastewater Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Altermate Trades Assemblies	upment	FMR	22 - Plumbing
: MIKE Durish mmary (MF04) stignificants conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior improvements 32 - Utilities 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 42 - Pollution Control Equipment 43 - Water and Wastewater Equipment 44 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Trades	upment	Assembl	21 - Fire Suppression
: MIKe Durish mmary (MF04) lequirements conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 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 Altermate	upment	Trades	14 - Conveying Equipment
: MIKe Durish ### Style="font-size; color: lighter;"> ### Style="font-size; color: lighter;" ### Image: lighter; color: light	Electric Power Generation	Alternate	13 - Special Construction
mmary (MF04) lequirements conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 46 - Water and Wastewater Equipment	Vater and Wastewater Equipment	48 - Elec	12 - Furnishings
**MIKE Durish **Inmary (MF04) **Injectical sequirements	##UNION COLUMN FESTIVE FOR COLUMN INVESTIGATION OF THE PROPERTY OF THE PROPER	46 - Wat	11 - Equipment
: MIKe Durish mmary (MF04) stignations 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment	Pollution Control Equipment	44 - Polli	10 - Specialties
: MIKe Durish mmary (MF04) lequirements conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation	Material Processing and Handling Equipment	41 - Mate	09 - Finishes
\$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation	Naterway and Marine Transportation	35 - Wat	08 - Openings
\$1,927.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities	Transportation	34 - Tran	07 - Thermal and Moisture Protection
": Mike Durish "mmary (MF04) Requirements Conditions 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements	Jtilities	33 - Utilit	06 - Wood, Plastics, and Composites
mmary (MF04) \$1,927.50 Requirements Conditions \$1,927.50 28 - Electrical 28 - Electronic Safety and Security 31 - Earthwork	Improvem	32 - Exte	05 - Metals
mmary (MF04) \$1,927.50 Requirements Conditions \$26 - Electrical 27 - Communications 28 - Electronic Safety and Security	arthwork	31 - Eart	04 - Masonry
mmary (MF04) Requirements Sonditions \$1,927.50 26 - Electrical 27 - Communications	Electronic Safety and Security	28 - Elec	03 - Concrete
04) \$1,927.50 26 - Electrical	Communications	27 - Com	02 - Existing Conditions
	Electrical		01 - General Requirements
			Division Summary (MF04)
	(16) Fire Station #39		Estimator: Mike Durish

\$96.03	6 0			Alternate Total	
ļ				1.5*3 = 4.50	
סד	\$96.03 CUSTOM L, O&P	\$21.34	4.5000	-10-0140 Demo - Gas chimney vents, prefabricated metal, U.L. listed, gas, double wall, V.L.F., galvanized steel, 6" diameter Demo Existing Gas Vents Firehouse #39	Alternate 7 23-51-23-10-0140
\$187.88	\$1			23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total	
סד	\$15.48 RSM16eFAC L, O&P	\$3,44	4.5000	23-51-23-10-0140-4140 Labor adjustment factors, add to labor for working in existing occupied buildings, V.L.F., office building (Modified using 22-01-02-20-4140) New Gas Vents Firehouse #39 1.5*3 = 4.50	6 23-51-23-10-
٥	\$21.65 RSM16eFAC L, O&P	\$4.81	4.5000	23-51-23-10-0140-1140 Labor adjustment factors, add to labor for elevated installation, above floor level, V.L.F. 25' to 29.5' high (Modified using 22-01-02-20-1140) New Gas Vents Firehouse #39 1.5"3 = 4.50	5 23-51-23-10-
ם.	\$150.75 RSM16eFAC M.L. O&P	\$33.50	4.5000	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 V.L.F., steel, 6" diameter New Gas Vents Firehouse #39 1.5*3 = 4.50	23 - Heating, Ve
\$1,927.50	\$1,9			01 - General Requirements Total	
ס	\$800.00 RSM16eFAC L, O&P	\$4,000.00	0.2000	t-20-0280 Field personnel, superintendent, maximum Week Firehouse #39 1/5 = 0.20	3 01-31-13-20-0280
ס .	\$755.00 RSM16eFAC L, O&P	\$3,775.00	0.2000	+20-0200 Field personnel, project manager, average Firehouse #39 1/5 = 0.20 Week	2 01-31-13-20-0200
ס	\$372.50 RSM16eFAC L, O&P	\$745.00	0.5000	- General Requirements 01-31-13-20-0020 Field personnel, clerk, average Week Firehouse #39	01 - General Rec
	Total Book	Unit Cost	Quantity	Description	ltem
#39	(16) Fire Station #39			Estimator: Mike Durish	Estimator: I

(16) Fire Station #39

Alternate

Item

Description

Quantity

Unit Cost

Total Book

Estimate Grand Total

1,256.44



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 Hail Damage - 4211-RFP-160817-01

\$7,585.73		Grand Total		
	€ 	Ē		
	\$13 351 40	12		
0.00%	\$13,351.40 \$0.00	Total Priced Items: 12 Total Non-Priced Items: 0		
		Priced/Non-Priced		
\$(3,730.Z0)		ACC Communication (Section 19)	\$(2,029.41)	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
20 205 261		OC Coefficient Standard (22 0000%)	\$12.251 40	RS Means Subtotal
\$10,001.40		mi of Total (without totalling components)	\$0,720.00	20 - Learnigh Actividation of the Contraction of th
200		Total (Mithaut	25 706 50	23 Heating Ventilating and Air Conditioning (HVAC)
		EMR	£0.	22 - Plumbing
		Assemblies		21 - Fire Suppression
\$1,001.10		Trades	9	14 - Conveying Equipment
\$1.957.40		Alternate		13 - Special Construction
		48 - Electric Power Generation		12 - Furnishings
		46 - Water and Wastewater Equipment	0.00	11 - Equipment
		44 - Pollution Control Equipment		10 - Specialties
\$3,875.00		41 - Material Processing and Handling Equipment		09 - Finishes
		35 - Waterway and Marine Transportation		08 - Openings
		34 - Transportation		07 - Thermal and Moisture Protection
*c a		33 - Utilities		06 - Wood, Plastics, and Composites
		32 - Exterior Improvements		05 - Metals
		31 - Earthwork	S C 23	04 - Masonry
		28 - Electronic Safety and Security		03 - Concrete
		27 - Communications		02 - Existing Conditions
		26 - Electrical	\$1,792.50	01 - General Requirements
				Division Summary (MF04)
(17) Fire House #41	(17) Fire H			Estimator: Mike Durish
-100017-01	COSA Hall Dalliage - 42 1-KFF-1000 /-01	COOM		

Estimator: Mike Durish Learn Description Descripti	ם	\$492.50 CUSTOM	\$492.50	1.0000	ъ Ш	Demo - Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065	Alternate 9 23-82-16-10-1000	_
UM Quantity Unit Cost Total Book Week 0.5000 \$745.00 \$372.50 RSM1esFAC Week 0.0000 \$4,325.00 RSM1esFAC Week 0.2000 \$4,000.00 \$800.00 RSM1esFAC LogP Veek 0.2000 \$4,000.00 \$800.00 RSM1esFAC LogP Veek 0.2000 \$310.00 \$520.00 RSM1esFAC LogP Veek 0.2000 \$310.00 \$520.00 RSM1esFAC It railer, 3-ton capacity Ea. 1.0000 \$5,525.00 \$5,525.00 RSM1esFAC 180) 1.0000 \$124.00 \$124.00 RSM1esFAC 180) 1.0000 \$77.50 RSM1esFAC 180) \$77.50 RSM1esFAC 190) \$3,875.00 RSM1esFAC 100 \$3,875.00 RSM1esFAC 100 \$3,875.00 RSM1esFAC 100 \$3,875.00 RSM1esFAC	75.00	\$3.8				41 - Material Processing and Handling Equipment Total		
UM Quantity Unit Cost Total Book Week 0.5000 \$745.00 \$372.50 RSM16sFAC Week 0.0000 \$4,325.00 RSM16sFAC Lies round trip for mobilization or ed trailer, 3-ton capacity Ea. 2.0000 \$310.00 \$820.00 RSM16sFAC \$1,792.5 \$1,792.5 \$1,792.5 \$1,792.5 \$1,792.5 160) \$124.00 RSM16sFAC \$1,792.5 \$1,792.5 160) \$77.50 RSM16sFAC \$1,792.5 \$1,792.5 160) \$77.50 RSM16sFAC \$1,792.5 \$1,792.5	ס	\$3,875.00 RSM16eFAC M, O&P	\$3,875.00	1.0000	ë E	essing and Handling Equipment Material handling, cranes, portable hydraulic, floor type, 2,000 lbs. capacity Hoist to bring material on and off roof. Fire Station #41	41 - Material Proce 8 41-22-23-10-1500	
UM Quantity Unit Cost Total Book Week 0.5000 \$745.00 \$372.50 RSM166FAC Week 0.0000 \$4,325.00 RSM166FAC L O&P Week 0.2000 \$4,000.00 \$800.00 RSM166FAC L O&P Week 0.2000 \$310.00 \$620.00 RSM166FAC L O&P LE, O&P \$1,792.5 \$1,792.5 Jale installation, above floor level, Ea. 1.0000 \$124.00 RSM166FAC \$160) Ing in existing occupied buildings, Ea. 1.0000 \$77.50 RSM166FAC \$77.50 RSM166FAC	26.50	\$5,7:				23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total		
UM Quantity Unit Cost Total Book Week 0.5000 \$745.00 \$372.50 RSM16eFAC Week 0.0000 \$4,325.00 RSM16eFAC Week 0.2000 \$4,000.00 \$800.00 RSM16eFAC L O&P Veek 0.2000 \$310.00 \$800.00 RSM16eFAC L O&P Store Coal Pack \$124.00 \$5,525.00 RSM16eFAC S1,792.5 S1,792.5 S1,792.5	ס	\$77.50 RSM16eFAC L, O&P	\$77.50	1.0000	E a	[품	7 23-82-16-10-1000-4140	90
UM Quantity Unit Cost Total Book Week 0.5000 \$745.00 \$372.50 RSM16eFAC L OSEP Week 0.2000 \$4,325.00 RSM16eFAC L OSEP Week 0.2000 \$4,000.00 \$800.00 RSM16eFAC L OSEP Week 1.0000 \$310.00 \$500.00 RSM16eFAC L OSEP #41 #41 #42 #45 #45 #46 #47 #46 #47 #46 #47 #47 #47	ס	\$124.00 RSM16eFAC L, O&P	\$124.00	1.0000	Ea.	[품	6 23-82-16-10-1000-1160	
Tription UM Quantity Unit Cost Total Book Ints Ide personnel, clerk, average Week 0.5000 \$745.00 \$372.50 RSM16eFAC L, O&P Lation #41 Idation #	סד	\$5,525.00 RSM16eFAC M. L. O&P	\$5,525.00	1.0000	E a	ilating, and Air-Conditioning (HVAC) Flanged coils, direct expansion cooling, 6 rows, 3/8" x .016 tube, .0065 fins, 24" high x 48" long Fire Station #41 New coils	23 - Heating, Venti 5 23-82-16-10-1000	W
ription UM Quantity Unit Cost Total Book Id personnel, clerk, average lation #41 lotersonnel, superintendent, maximum lation #41 lotersonnel, superintendent, maximum week 0.2000 \$4,325.00 RSM16eFAC L, Ogep Castoon #41 lation #41 lotersonnel, superintendent, maximum week 0.2000 \$4,000.00 \$800.00 RSM16eFAC L, Ogep Castoon #41 lotersonnel, superintendent, maximum week 0.2000 \$4,000.00 \$800.00 RSM16eFAC L, Ogep Castoon #41 lotersonnel, superintendent, maximum week 0.2000 \$4,000.00 \$800.00 RSM16eFAC L, Ogep Castoon #41 lotersonnel, superintendent, maximum week 0.2000 \$4,000.00 \$800.00 RSM16eFAC L, Ogep Castoon #41 lotersonnel, superintendent, maximum lotersonnel, superintendent, maximum week 0.2000 \$4,325.00 S800.00 RSM16eFAC L, Ogep Castoon #41 lotersonnel, clerk, average H41 lation #41 lotersonnel, clerk, average H42 lotersonnel, clerk, average H42 lotersonnel, clerk, average H41 lotersonnel, clerk, aver	92.50	\$1,7				01 - General Requirements Total		
Ints UM Quantity Unit Cost Total Book Id personnel, clerk, average Week 0.5000 \$745.00 \$372.50 RSM16eFAC L, Q&P Id personnel, project manager, maximum Week 0.0000 \$4,325.00 RSM16eFAC L, Q&P Iation #41 Week 0.2000 \$4,000.00 \$800.00 RSM16eFAC L, Q&P Itation #41 Week 0.2000 \$4,000.00 \$800.00 RSM16eFAC L, Q&P	ס	\$620.00 RSM16eFAC L, E, O&P	\$310.00	2.0000	ត់ យ	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	4 01-54-36-50-1300	
Total Book IM Quantity Unit Cost Total Book IM Quantity Unit Cost Total Book Week 0.5000 \$745.00 \$372.50 RSM16eFAC L, O&P Idl personnel, project manager, maximum Week 0.0000 \$4,325.00 RSM16eFAC L, O&P RSM16eFAC L, O&P RSM16eFAC L, O&P	ס	\$800.00 RSM16eFAC L, O&P	\$4,000.00	0.2000	Week	Field personnel, superintendent, maximum Fire Station #41 1/5 = 0.20	3 01-31-13-20-0280	gg - 0
tation #41 (17) Fire House #41 (17) Fire House #41 (17) Fire House #41 Week 0.5000 \$745.00 \$372.50 RSM166FAC L, O&P	ס	RSM16eFAC L, O&P	\$4,325.00	0.0000	Week	Field personnel, project manager, maximum Fire Station #41	2 01-31-13-20-0220	
ription UM Quantity Unit Cost	ס	\$372.50 RSM16eFAC L, O&P	\$745.00	0.5000	Week	l irements Field personnel, clerk, average Fire Station #41	01 - General Requ	v =
			Unit Cost	Quantity	S M	Description	Item	,
	#	(17) Fire House				Durish	Estimator: Mike Durish	

\$1,957.40	\$1,9				Alternate Total	
				6 ' Daily: 578.16	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	
					LABOR USED TO COMB COIL FINS ON HAVC UNITS Fire Station #41	
τ	\$505.94 CUSIUM L. O&P	\$2,023.76	0.2500	Daily	Q-10 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P Q-10 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	12 Crew Q-10
				1	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	
					LABOR TO INSTALL COILS Fire Station #41	
					Q-02 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	
ס	\$516.86 CUSTOM	\$2,067.44	0.2500	Daily	Q-02 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P	11 Crew Q-02
				.85 Daily: 1293.6 474.8	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	
					LABOR USED TO HOIST COILS ON AND OFF ROOF Fire Station #41	
					L-04 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	
ט	\$442.10 CUSTOM	\$1,768.40	0.2500	Daily	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P	10 Crew L-04
					Demo existing coils	
	Total Book	Unit Cost	Quantity	CM.	Description	Item
						Alternate
#	(17) Fire House #41				Nike Durish	Estimator: Mike Durish
						•

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Item	Estimator: Mike
Description	Durish
CW.	
Quantity	
Unit Cost	
Total Book	(17) Fire House #41

Estimate Grand Total

7,585.73



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 Hail Damage - 4211-RFP-160817-01

\$12,232.67		Grand Total		
	\$21,530.32	14		
0.00%	\$21,530.32 \$0.00	Total Priced Items: 14 Total Non-Priced Items: 0		
		Priced/Non-Priced		
\$(6,025.04)		JOC Coefficient Standard (-33.0000%)	\$21,530.32 \$(3,272.61)	RS Means Subtotal RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
				Totalling Components
\$21,530.32		MF04 Total (Without totalling components)	\$11,766.13	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
		FMR		22 - Plumbing
		Assemblies		21 - Fire Suppression
		Trades		14 - Conveying Equipment
\$4,096.69		Alternate		13 - Special Construction
		48 - Electric Power Generation		12 - Furnishings
10		46 - Water and Wastewater Equipment		11 - Equipment
		44 - Pollution Control Equipment		10 - Specialties
\$3,875.00		41 - Material Processing and Handling Equipment		09 - Finishes
		35 - Waterway and Marine Transportation		08 - Openings
		34 - Transportation		07 - Thermal and Moisture Protection
		33 - Utilities		06 - Wood, Plastics, and Composites
10		32 - Exterior Improvements		05 - Metals
		31 - Earthwork		04 - Masonry
		28 - Electronic Safety and Security		03 - Concrete
		27 - Communications		02 - Existing Conditions
		26 - Electrical	\$1,792.50	01 - General Requirements
				Division Summary (MF04)
(18) Fire House #42	(18) Fire h			Estimator: Mike Durish

Ţ	Estimator: Mike Durish	rich				(18) Fire House #42	se #
ļ				Omantity	Hait Cost	Total Book	ς
2	- General Requirements						
_	01-31-13-20-0020	Field personnel, clerk, average	Week	0.5000	\$745.00	\$372.50 RSM16eFAC L, O&P	č
		Firehouse #42					
2	01-31-13-20-0280	Field personnel, superintendent, maximum	Week	0.2000	\$4,000.00	\$800.00 RSM16eFAC	AC.
		Firehouse #42 1/5 = 0.20				<u>.</u>	
ω	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	PC
		01 - General Requirements Total					\$1,792.50
4 23	- Heating, Ventila 23-51-23-10-0140	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 V.L.F. 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	
Οn	23-51-23-10-0140-1140	Labor adjustment factors, add to labor for elevated installation, above floor level, V.L.F 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	AC
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	AC
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	E a.	2.0000	\$5,525.00	\$11,050.00 RSM16eFAC M, L, O&P	₽Ą
∞	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	Щ a	2.0000	\$124.00	\$248.00 RSM16eFAC L, O&P	AC
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	AC

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Estimator: Mike Durish	Durish				(18) Fire House #42
23 - Heating, Ventilating, Item	23 - Heating, Ventilating, and Air-Conditioning (HVAC) Item Description	C X	Quantity	Unit Cost	Total Book
	23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total				\$11,766.13
41 - Material Proce 10 41-22-23-10-1500	 Material Processing and Handling Equipment 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 	E D	1.0000	\$3,875.00	\$3,875.00 RSM16eFAC P
	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	V.L.F _*	7.5000	\$21.34	\$160.05 CUSTOM P
	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	ë M	2.0000	\$492.50	\$985.00 CUSTOM P
13 Crew L-04	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P L-04 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	Daily	0.5000	\$1,768.40	\$884.20 CUSTOM P
	LABOR USED TO HOIST COILS ON AND OFF ROOF Firehouse #42 Crew Details: Crode: SKWK Description: Skilled Workers Average (35 trades) Oty: 2 Hourly: 80 85 Daily: 1203 6	Daily: 1903 6			v
14 Crew Q-02	Q-02 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P [Q-02 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	Daily	1.0000	\$2,067.44	\$2,067.44 CUSTOM P
	LABOR TO INSTALL COILS Firehouse #42				

Alternate **Estimator: Mike Durish** Item Description S Quantity **Unit Cost** (18) Fire House #42 Total Book

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 \$4,096.69

Estimate Grand Total

12,232.67



Alpha Building Corporation-Mike Durish
Alpha Building Corporation
Alpha Bui

\$22,268.93	Grand Total		
\$39,194.82	12		
\$39,194.82 \$0.00 0.00%	Total Priced Items: 12 Total Non-Priced Items: 0		
	Priced/Non-Priced		
\$(10,308,20))	\$(5,957.61)	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
9770000000	OO Confirmed Street	700	Totalling Components
\$39,194.82	MF04 Total (Without totalling components)		23 - Heating, Ventilating, and Air-Conditioning (HVAC)
	FMR		22 - Plumbing
	Assemblies		21 - Fire Suppression
	Trades		14 - Conveying Equipment
\$12,000.32	Alternate		13 - Special Construction
	48 - Electric Power Generation		12 - Furnishings
	46 - Water and Wastewater Equipment		11 - Equipment
	44 - Pollution Control Equipment		10 - Specialties
\$4,425.00	41 - Material Processing and Handling Equipment		09 - Finishes
	35 - Waterway and Marine Transportation		08 - Openings
**	a Control	\$12,454.50	07 - Thermal and Moisture Protection
	33 - Utilities		06 - Wood, Plastics, and Composites
No.	32 - Exterior Improvements		05 - Metals
	31 - Earthwork		04 - Masonry
	28 - Electronic Safety and Security		03 - Concrete
	rect	\$625,00	02 - Existing Conditions
	e a	\$9,690.00	01 - General Requirements
=			Division Summary (MF04)
(19) Bob Ross Community Center	(19) Bol		Estimator: Mike Durish
COSA Hall Damage - 4211-RFF-160817-01	COSA Haii D		

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Co. Post march		

Cotimator Mile D				(40) Dak Dos	- Cammunity Car	1
Estillator. Mike Durisi				(ופ) פטט אסט	(19) Bob Ross Collisionity Center	
Item	Description	M	Quantity	Unit Cost	Total Book	
01 - General Requirements	rements					7
1 01-31-13-20-0020	Field personnel, clerk, average	Week	1.0000	\$745.00	\$745.00 RSM16eFAC L, O&P	P
	Bob Ross				į	
2 01-31-13-20-0220	Field personnel, project manager, maximum	Week	1.0000	\$4,325.00	\$4,325.00 RSM16eFAC	ס
	Bob Ross				Ē	
3 01-31-13-20-0280	Field personnel, superintendent, maximum	Week	1.0000	\$4,000.00	\$4,000.00 RSM16eFAC	ס
	Bob Ross				Ţ	
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	Ea.	2.0000	\$310.00	\$620.00 RSM16eFAC L, E, O&P	ס
	TOW I NOW					
	01 - General Requirements Total				\$9,60	\$9,690.00
02 - Existing Conditions 5 02-41-19-19-0725 de C. Dump Bob R	itions 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	ם פ
	02 - Existing Conditions Total				\$63	\$625.00
07 - Thermal and N 6 07-41-33-10-0700	Thermal and Moisture Protection D7-41-33-10-0700 Fiberglass panels, corrugated siding, fire retardant, 12 ounces per S.F., New Roof Panels	S.F.	1,600.0000	\$7.55	\$12,080.00 RSM16eFAC M. L. O&P	ָּיס
7 07-42-13-20-3400	Aluminum siding panels, screw fasteners, aluminum, self tapping, neoprene washer, 1" long Screws for fiberglass panels	≤	1.0000	\$231.00	\$231.00 RSM16eFAC M. O&P	יס
8 07-42-13-20-3670	Aluminum siding panels, closure strips, corrugated, .032" thick Nearest line item for corrugated foam end closures	Î.H	35.0000	\$4.10	\$143.50 RSM16eFAC M, L, O&P	ן סי
	of - Inemial and Moisture Protection Lotal				\$12,454.50	54.50
41 - Material Proce 9 41-22-23-10-1600	 Material Processing and Handling Equipment 41-22-23-10-1600 Material handling, cranes, portable hydraulic, floor type, 4,000 lbs. capacity 	ë M	1.0000	\$4,425.00	\$4,425.00 RSM16eFAC M. O&P	ט

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\$12,000.32	\$12,					Alternate Total	
					ıily: 578.16	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	
::						LABOR USED TO COMB COIL FINS ON HAVC UNITS Bob Ross	
ָס	\$4,047.52 CUSTOM L. O&P	\$4,04	\$2,023.76	2.0000	Daily	Q-10 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P Q-10 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	12 Crew Q-10
					Daily: 1293.6	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	
						LABOR USED TO LOAD AND UNLOAD ROOF Bob Ross	
	ŗ		٦	<i><</i>		L-04 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	
ס	\$3,536.80 CUSTOM	\$3,53	\$1,768.40	2.0000	Daily	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P	11 Crew L-04
ס־	\$4,416.00 CUSTOM L, O&P	\$4,41	\$2.76	1,600.0000	S.F.	Demo - Fiberglass panels, corrugated siding, fire retardant, 12 ounces per S.F., Demo existing Roof Panels Bob Ross	Alternate 10 07-41-33-10-0700
\$4,425.00	\$4,					41 - Material Processing and Handling Equipment Total	
						Hoist to hoist material to roof Bob Ross	
	tal Book	Total	Unit Cost	Quantity	M	Description	Item
						41 - Material Processing and Handling Equipment	41 - Material Processin
enter	nmunity Ce	ss Con	(19) Bob Ross Community Center			Durish	Estimator: Mike Durish

Estimate Grand Total

22,268.93



Alpha Building Corporation-Mike Durish
Alpha Building Corporation
2015-01-15-0013 - City of San Antonio Job Order Contract - First Option -

015-01-15-0013 - City of San Antonio Job Order Contract - First Option -1/15/2016 to 1/14/2017 COSA Hail Damage - 4211-RFP-160817-01

S1.792.50 26 - Electrical 27 - Communications 28 - Electrical 27 - Communications 28 - Electrical 27 - Communications 28 - Electronic Salety and Security 28 - Electronic Salety and Security 29 - Electronic Salety and Marine Transportation 20 - Electronic Salety and Security 29 - Electronic Salety and Security	\$8,932.80		Grand Total		
1,792.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security			ï		
S1,792.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Extendro Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 46 - Water and Wastewayter Equipment 48 - Electric Power Generation 41 - Material Processing and Handling Equipment 48 - Electric Power Generation 48 - Electric Power Generation 41 - Material Processing and Handling Equipment 48 - Electric Power Generation 48 - Electric Power Generation 49 - Pollution Control Equipment 48 - Electric Power Generation 49 - Pollution Control Equipment 48 - Electric Power Generation 49 - Pollution Control Equipment 48 - Electronic Safety and Security 49 - Pollution Control Equipment 48 - Electronic Safety and Security 49 - Pollution Control Equipment 40 - Pollutio		\$15,722.34	10		
## 1,792.50 ### 1,792.50 ### 2,792.50 ###	0.00%	\$15,722.34 \$0.00	ns: d Items:		
Protection 31. Earthwork 32. Exterior Impovements 33. Utilities Protection 34. Transportation 35. Valenway and Marine Transportation 41. Material Processing and Handling Equipment 44. Pollution Control Equipment 45. Water and Wastewater Equipment 46. Water and Wastewater Equipment 48. Electric Power Generation Alternate Trades Assemblies FMR Transportation 55. 726.50 MF04 Total (Without totalling components) MF04 Total (Without totalling components)			Priced/Non-Priced		
pd) \$1,792.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 44 - Pollution Control Equipment 44 - Pollution Control Equipment 45 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies Assemblies FMR MF04 Total (Without totalling components)	\$(4,588.74)		Coellicient Standard (-53.000%)	\$(2,389.80)	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
pd) \$1,792.50 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 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components)	20074				Totalling Components
pd) \$1,792.50 \$1,792.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 45 - 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 FMR	\$15,722.34			\$5,726.50	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
D4) \$1,792.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 45 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies			FMR		22 - Plumbing
p4) \$1,792.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Water and Wastewater Equipment 48 - Water and Wastewater Equipment Alternate Trades Trades			Assemblies		21 - Fire Suppression
D4) \$1,792.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate			Trades		14 - Conveying Equipment
26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation	\$4,328.34		Alternate		13 - Special Construction
prish \$1,792.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment			48 - Electric Power Generation		12 - Furnishings
pd4) \$1,792.50 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		11 - Equipment
pd4) \$1,792.50 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		10 - Specialties
rish 94) \$1,792.50 26 - Electrical 27 - Communications 27 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation	\$3,875.00		41 - Material Processing and Handling Equipment		09 - Finishes
94) \$1,792.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation			35 - Waterway and Marine Transportation		08 - Openings
parposites \$1,792.50 \$1,792.50 \$26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities			34 - Transportation		07 - Thermal and Moisture Protection
104) \$1,792.50 \$26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements			33 - Utilities		06 - Wood, Plastics, and Composites
104) \$1,792.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork			Improve		05 - Metals
1792.50 \$1,792.50 26 - Electrical 27 - Communications 28 - Electronic Safety and Security			31 - Earthwork		04 - Masonry
1,792.50 26 - Electrical 27 - Communications	4		28 - Electronic Safety and Security		03 - Concrete
o4) \$1,792.50 26 - Electrical			27 - Communications		02 - Existing Conditions
sh			26 - Electrical	\$1,792.50	01 - General Requirements
					Division Summary (MF04)
	(20) ITDS				Estimator: Mike Durish

ES	Estimator: Mike Durish	rish			
	Item	Description	CM	Quantity	
~ ?	- General Requirements 01-31-13-20-0020 Field p	ements Field personnel, clerk, average ITSD/ Police HQ	Week	0.5000	
2	01-31-13-20-0280	Field personnel, superintendent, maximum ITSD/ Police HQ 1/5 = 0.20	Week	0.2000	
ω	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	E as	2.0000	0
		01 - General Requirements Total			
23 -	Heating, Ventila 23-82-16-10-1000	- Heating, Ventilating, and Air-Conditioning (HVAC) 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	000
Ω	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	l, Ea.	1.0	1.0000
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	s, Ea	<u>.</u> .	1.0000
		23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total			
7 41 -	Material Proces 41-22-23-10-1500	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	— E		1.0000
		41 - Material Processing and Handling Equipment Total			
Alte 8	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	ë M	1.0	1.0000
9	Crew L-04	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P	Daily	1.0	1.0000

Estimator: Mike Durish	8,932.80			otal	Estimate Grand Total	Est	
ator: Mike Durish UM Quantity Unit Cost Total Book L-04 (2016 - RSMeans 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 Grew Details: Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily; 1293.6 Code: HELP Description: Skilled Workers Average (35 trades) Qty: 1 Hourly: 59.35 Daily: 474.8 WQ-02 Q-02 Crew - 2016 - RSMeans 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	\$4,328.34					Alternate Total	
ator: Mike Durish Comparison Description Description DuM Quantity Unit Cost Total Book				-	22	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.	
ator: Mike Durish Code: RSMeans Repair and Remodling and Facilities Labor Hours: 24 Labor Hours: 24 Labor USED TO HOIST COILS ON AND OFF ROOF TSDI/Police HQ Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80.85 Daily: 474.8 Code: SKWK Description: Helpers Average (35 trades) Qty: 1 Hourly: 59.35 Daily: 474.8 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Hours: 24 Code: RSMeans Repair and Remodling and Facilities O&P Daily Ho						LABOR TO INSTALL COILS ITSD/ Police HQ	
ator: Mike Durish Comparison Comparison	V					Q-02 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	
ator: Mike Durish Description UM Quantity Unit Cost Total Equip Hours: 24 Equip Hours: 0 Daily Hours: 24		\$2,067.44	\$2,067.44	1.0000	Daily	Q-02 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P	10 Crew Q-02
ator: Mike Durish Description UM Quantity Unit Cost Total E -04 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24					85 Daily: 1293.6 174.8	Crew Details: Code: SKWK Description: Skilled Workers Average (35 trades) Qty: 2 Hourly: 80 Code: HELP Description: Helpers Average (5 trades) Qty: 1 Hourly: 59.35 Daily:	
ator: Mike Durish Image: Description L-04 (2016 - RSMeans 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	
ator: Mike Durish m Description UM Quantity Unit Cost Total E						L-04 (2016 - RSMeans Repair and Remodling and Facilities) Labor Hours: 24 Equip Hours: 0 Daily Hours: 24	
ator: Mike Durish		Total	Unit Cost	Quantity	M	Description	Item
	(20) ITDS					ke Durish	Estimator: Mi



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 Hail Damage - 4211-RFP-160817-01

Estimator: Mike Durish (21) Municipal Records Division Summary (MF04) 56.690.00 26. Electrical 07 Existing Conditions 5525.00 27. Communications 27. Communications 02 Existing Conditions 5525.00 27. Communications 27. Communications 06 Malesian Summary (MF04) 5525.00 27. Communications 27. Communications 07 Thermal and Moisture Protection 37. Communications 37. Communications 37. Communications 08 Conceilles 38 Tears portation 38 Tears portation 38 Tears portation 10 Specialles 41 Cautipment 41 Material Processing and Handling Equipment 41 Pulliding Control Equipment 11 Cautipment 42 Pulliding Correct Equipment 43 Tears portation 14 Cautipment 44 Pulliding Correct Equipment 44 Pulliding Correct Equipment 14 Cautipment 45 Electrical Processing and Manding Equipment 46 Electrical Processing and Manding Equipment 15 Flags 44 Pulliding Correct 45 Electrical Processing and Manding Equipment 47 Pulliding Correct 18 Learning Agent Correction 48 Electrical Processing and Mandi	\$40,075.44		Grand Total		
\$9,690.00 \$625.00 27 - Communications 27 - Communications 28 - Electrical 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior improvements 33 - Utilities 33 - Utilities 34 - Transportation 44 - Pollution Control Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR \$70,535.48 \$(10,721.39) Priced/Non-Priced Total Priced Items: 13 Total Non-Priced Items: 13			ř		
\$9,690.00 \$825.00 26 - Electrical \$7 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades FMR S70,535.48 \$(10,721.39) Priced/Non-Priced Total Priced Items: 13 Total Non-Priced Items: 13		\$70,535.48	13		
\$9,690.00 \$625.00 26 - Electrical \$625.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR \$70,535.48 \$(10,721.39) Priced/Non-Priced	0.00%	\$70,535.48 \$0.00	ems:		
\$9,690.00 \$625.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 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 \$28,632.50 MF04 Total (Without totalling components) \$70,535.48 \$(10,721.39) JOC Coefficient Standard (-33,0000%)	3		Priced/Non-Priced		
\$9,690.00 \$625.00 27 - Communications 28 - Electroic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 44 - Pollution Control Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies	1 13,730.00)	6	TO CONTINUE IT STATEMENT ("SOUDDO (6)	\$(10,721.39)	RSMeans SAN ANTONIO, TX CCI 2016Q2, 84.80%
\$9,690.00 \$625.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR MF04 Total (Without totalling components)	(10 720 65)	9	IOC Conficient Straders (23 DODG)	670 525 40	Totalling Components
\$9,690.00 \$625.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies FMR	\$70,535.48			\$28,632.50	23 - Heating, Ventilating, and Air-Conditioning (HVAC)
\$9,690.00 \$625.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation Alternate Trades Assemblies			FMR		22 - Plumbing
\$9,690.00 \$625.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate Trades Trades			Assemblies		21 - Fire Suppression
\$9,690.00 \$625.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 48 - Electric Power Generation Alternate			Trades		14 - Conveying Equipment
\$9,690.00 \$625.00 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment 48 - Electric Power Generation	\$27,712.98		Alternate		13 - Special Construction
\$9,690.00 \$625.00 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment 46 - Water and Wastewater Equipment			48 - Electric Power Generation		12 - Furnishings
\$9,690.00 \$625.00 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment 44 - Pollution Control Equipment			46 - Water and Wastewater Equipment		11 - Equipment
\$9,690.00 \$6 - Electrical 27 - Communications 2825.00 27 - Communications 31 - Earthwork 32 - Exterior Improvements 33 - Utilities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation 41 - Material Processing and Handling Equipment			44 - Pollution Control Equipment		10 - Specialties
\$9,690.00 \$625.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements ities 33 - Utilities 34 - Transportation 35 - Waterway and Marine Transportation	\$3,875.00		41 - Material Processing and Handling Equipment		09 - Finishes
\$9,690.00 \$625.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements ites 33 - Utilities 34 - Transportation			35 - Waterway and Marine Transportation		08 - Openings
\$9,690.00 \$625.00 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements 33 - Utilities			34 - Transportation		07 - Thermal and Moisture Protection
\$9,690.00 \$625.00 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork 32 - Exterior Improvements			33 - Utilities		06 - Wood, Plastics, and Composites
\$9,690.00 \$625.00 26 - Electrical 27 - Communications 28 - Electronic Safety and Security 31 - Earthwork			32 - Exterior Improvements		05 - Metals
\$9,690.00 26 - Electrical \$625.00 27 - Communications 28 - Electronic Safety and Security			31 - Earthwork		04 - Masonry
\$9,690.00 26 - Electrical \$625.00 27 - Communications					03 - Concrete
\$9,690.00 <u>26 - Electrical</u>	90 0		27 - Communications	\$625.00	02 - Existing Conditions
			26 - Electrical	\$9,690.00	01 - General Requirements
					Division Summary (MF04)
	Records	(21) Municipal			Estimator: Mike Durish

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RSM16el M, O&F	\$3,875.00 RSM16eFAC M, O&P	\$3,875.00	1.0000	E a	 Material Processing and Handling Equipment 41-22-23-10-1500 Material handling, cranes, portable hydraulic, floor type, 2,000 lbs. capacity Hoist to bring material on and off roof. 	41 - Material Prc 9 41-22-23-10-1500
					23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total	
	\$387.50 RSM16eFAC L, O&P	\$77.50	5.0000	ä E	-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	8 23-82-16-10-1000-4140
. 77	\$620.00 RSM16eFAC L, O&P	\$124.00	5.0000	Э	-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	7 23-82-16-10-1000-1160
_ 70	\$27,625.00 RSM16eFAC M. L. O&P	\$5,525.00	5.0000	் ய	- Heating, Ventilating, and Air-Conditioning (HVAC) 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	23 - Heating, Vei
111					02 - Existing Conditions Total	
J - 2	\$625.00 RSM16eFAC M, O&P	\$625.00	1.0000	Week	- Existing Conditions 02-41-19-0725 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	02 - Existing Co 5 02-41-19-19-0725
1					01 - General Requirements Total	
I ⊏ 22	\$620.00 RSM16eFAC L. E. O&P	\$310.00	2.0000	En a	-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	4 01-54-36-50-1300
ᅟᅟᅮᄁ	\$4,000.00 RSM16eFAC L, O&P	\$4,000.00	1.0000	Week	.0280 Field personnel, superintendent, maximum Municipal Records	3 01-31-13-20-0280
□ ⊏ 汉	\$4,325.00 RSM16eFAC L, O&P	\$4,325.00	1.0000	Week	-0220 Field personnel, project manager, maximum Municipal Records	2 01-31-13-20-0220
RSM16eF L, O&P	\$745.00 RSM16eFAC L. O&P	\$745.00	1.0000	Week	- General Requirements 01-31-13-20-0020 Field personnel, clerk, average Municipal Records	01 - General Red 1 01-31-13-20-0020
I	Total	Unit Cost	Quantity	M	Description	Item
0	(21) Municipal Records	(2			Mike Durish	Estimator: Mike Durish

Estimator: Mike Durish	Durish			(21	(21) Municipal Records	ords
41 - Material Processing	41 - Material Processing and Handling Equipment					
Item	Description	CM	Quantity	Unit Cost	Total Book	
	Municipal Records					
	41 - Material Processing and Handling Equipment Total				\$3,	\$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	E a.	5.0000	\$492.50	\$2,462.50 CUSTOM L. O&P	ס
11 Crew L-04	L-04 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P L-04 (2016 - RSMeans 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	9
	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	Daily: 1293.6 .8				
12 Crew Q-02	Q-02 Crew - 2016 - RSMeans Repair and Remodling and Facilities O&P Q-02 (2016 - RSMeans 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	ן סד
	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 - RSMeans Repair and Remodling and Facilities O&P Q-10 (2016 - RSMeans 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	ָ טּ
	LABOR USED TO COMB COIL FINS ON HAVC UNITS Municipal Records					

Estimator: Mike Durish	ke Durish			(2	1) Munici	(21) Municipal Records
Alternate Item	Description	M	Quantity	Unit Cost	Total	Total Book
	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: 578.1	5.6 7 Daily: 578.16				
	Alternate Total					\$27,712.98
	ញ្	Estimate Grand Total	otal			40,075.44