



Date: 11/14/19

## Cost Proposal

James Wingate  
Project Coordinator  
Construction & Development Division  
Department of Aviation

Re: **SAIA – LT Skylight Panel Replacement**

Owner:	San Antonio International Airport
Owner's Representative:	James Wingate
Contractor:	Alpha Building Corporation
Project Manager:	Amy Bricker
RFP No.:	<b>190905-01</b>

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

1. All work shall be performed in accordance with the Request for Proposal No. 190905-01
2. Furnish materials, equipment, labor, and supervision as required to complete the scope of work to replace the existing skylight panels per the drawing labeled Passing Light San Antonio Airport – Revised color scheme Plexi Roof by PhenomenArts, Inc. dated 8/28/18.
  - a. Remove existing exterior skylight frame and panels.
  - b. Remove and replace lower interior gasket and sill flashing.
  - c. Clean gutters and replace all fasteners with stainless steel screws with neoprene washers.
  - d. New exterior clamping bars, gaskets and fasteners.
  - e. One expansion joint to look similar to existing skylight
  - f. New color panels – glazing colors, 2423 transparent red, 2422 transparent amber/orange, 2208 transparent yellow, 2424 transparent dark blue, 2069 transparent light blue, 373 transparent violet, 2092 transparent green.
  - g. Temporary tarp under skylights to be removed upon completion.
  - h. Includes haul off and disposal of all removed material.
3. Certified wages are included in this proposal.
4. No other job related requirements are acknowledged or included in this offer.



### **Assumptions & Clarifications**

1. No handling or disposal of hazardous materials.
2. Work to be performed during standard working hours Monday through Friday.
3. We exclude evenings, weekends and holidays.
4. We exclude all unforeseen conditions.
5. Parking spaces on both side of the walk way will need to be vacant.
6. 30% down payment required to place panel order.

<b>Cost:</b>	<b>\$ 204,414.14</b>
<b>Bond:</b>	<b>\$ 4,373.00</b>
<b>Total Cost:</b>	<b>\$ 208,787.14</b>

Respectfully,

*Amy Bricker*

Amy Bricker, Project Manager  
Alpha Building Corporation

*Attached: RS MEANS*



**Final Estimate**

Amy Bricker

Alpha Building Corporation

2018-10-11-0808 - San Antonio Airport JOC - Basic Contract Year - 10/11/2018

to 10/10/2019

SAIA LT Skylight Replacement - RFP 190905-01

**Estimator: Amy Bricker**

**Summary of tagged estimates...**

**Division Summary (MF04)**

01 - General Requirements	\$34,980.00
02 - Existing Conditions	\$3,200.00
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	\$240.00
07 - Thermal and Moisture Protection	\$5,880.00
08 - Openings	\$166,402.00
09 - Finishes	
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	
25 - Integrated Automation	

**Totalling Components**

RS Means Subtotal	\$342,751.00
RSMeanS SAN ANTONIO, TX CCI 2019Q2, 86.30%	\$(46,357.79)
STD HR Coefficient (-30.0000%)	\$(87,606.07)

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

Material:	\$125,691.80
Labor:	\$205,227.60
Equipment:	\$11,831.60
Other:	\$0.00
Laborhours:	3,157.84
Green Line Items:0	\$0.00

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	
Alternate	\$115,521.00
Trades	\$16,528.00
Assemblies	
FMR	
<b>MF04 Total (Without totalling components)</b>	<b>\$342,751.00</b>

Non-Pre-Priced Items	
NPPI Percentage (12.0000%)	

**Priced/Non-Priced**

Total Priced Items:	17	\$342,751.00	
Total Non-Priced Items:	0	\$0.00	0.00%
	17	\$342,751.00	

**Grand Total \$208,787.14**

# Final Estimate

Estimator: Amy Bricker

Combined estimates...

Item	Description	UM	Quantity	Unit Cost	Total	Book	
<b>01 - General Requirements</b>							
1	01-31-13-20-0020	Field personnel, clerk, average	Week	2.5000	\$780.00	\$1,950.00 RSM18eFAC L, O&P	P
2	01-31-13-20-0220	Field personnel, project manager, maximum	Week	1.5000	\$4,500.00	\$6,750.00 RSM18eFAC L, O&P	P
3	01-31-13-20-0280	Field personnel, superintendent, maximum	Week	4.0000	\$4,175.00	\$16,700.00 RSM18eFAC L, O&P	P
4	01-54-33-40-0100-3	Rent per week for general equipment rental, without operators, aerial lift, telescoping boom, diesel, to 40' high, 500 lb. capacity 2*4 = 8.00	Ea.	8.0000	\$1,045.00	\$8,360.00 RSM18eFAC E, O&P	P
5	01-54-36-50-1300	Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, equipment hauled on towed trailer, 3-ton capacity Mob and de mob - Alpha and roofing crew	Ea.	4.0000	\$305.00	\$1,220.00 RSM18eFAC L, E, O&P	P
<b>01 - General Requirements Total</b>						<b>\$34,980.00</b>	
<b>02 - Existing Conditions</b>							
6	02-41-19-19-0800	Selective demolition, rubbish handling, the following are to be added to the demolition prices. Dumpster, weekly rental, includes one dump per week, 30 C.Y. capacity, 7 tons	Week	4.0000	\$800.00	\$3,200.00 RSM18eFAC M, O&P	P
<b>02 - Existing Conditions Total</b>						<b>\$3,200.00</b>	
<b>06 - Wood, Plastics, and Composites</b>							
7	06-05-23-40-3100	Sheet metal screws, stainless steel, with aluminum or neoprene washers, #14 x 2", plain	C	10.0000	\$24.00	\$240.00 RSM18eFAC M, O&P	P
<b>06 - Wood, Plastics, and Composites Total</b>						<b>\$240.00</b>	
<b>07 - Thermal and Moisture Protection</b>							
8	07-65-10-10-0300	Sheet metal flashing and counter flashing, including up to 4 bends, aluminum, mill finish, .050" thick	S.F.	800.0000	\$7.35	\$5,880.00 RSM18eFAC M, L, O&P	P
<b>07 - Thermal and Moisture Protection Total</b>						<b>\$5,880.00</b>	
<b>08 - Openings</b>							
9	08-84-10-10-2100	Plexiglass acrylic, clear, masked, 1" thick, cut sheets	S.F.	2,900.0000	\$50.50	\$146,450.00 RSM18eFAC M, L, O&P	P
10	08-84-10-10-3500	Plexiglass acrylic, colored, 1/4" thick, cut sheets 875 sq ft	S.F.	0.0000	\$32.00	RSM18eFAC M, L, O&P	P
11	08-85-10-10-0080	Glazing gaskets, neoprene for glass tongued mullion, 1" glass	L.F.	2,320.0000	\$8.60	\$19,952.00 RSM18eFAC M, L, O&P	P

# Final Estimate

Estimator: Amy Bricker

Combined estimates...

08 - Openings

Item	Description	UM	Quantity	Unit Cost	Total	Book
<b>08 - Openings Total</b>						<b>\$166,402.00</b>

**Alternate**

12	01-31-13-90-0020 Performance bond, for buildings, minimum	LSUM	1.0000	\$4,373.00	\$4,373.00	CUSTOM M, O&P	P
13	08-84-10-10-2100 Demo - Plexiglass acrylic, clear, masked, 1" thick, cut sheets Labor Adjustment: 50% of \$12.00 = \$6.00 ----- Using O&P Pricing Bare Costs: (M:\$35.00 L:\$7.40 E: O:105.00 LH:0.152) O&P Labor Calc = O&P Total - (Bare Material + 10.000%) - (Bare Equipment + 10.000%) \$50.50 - \$38.50 - \$0.00 = \$12.00 Labor w/CCI = \$12.00 * 100.000% = \$12.00  Currently double pane 2900*2 = 5,800.00	S.F.	5,800.0000	\$6.00	\$34,800.00	CUSTOM L, O&P	P
14	08-85-10-10-0080 Demo - Glazing gaskets, neoprene for glass tongued mullion, 1" glass Labor Adjustment: 50% of \$6.96 = \$3.48 ----- Using O&P Pricing Bare Costs: (M:\$1.49 L:\$4.31 E: O:180.00 LH:0.089) O&P Labor Calc = O&P Total - (Bare Material + 10.000%) - (Bare Equipment + 10.000%) \$8.60 - \$1.64 - \$0.00 = \$6.96 Labor w/CCI = \$6.96 * 100.000% = \$6.96 2320*2 = 4,640.00	L.F.	4,640.0000	\$3.48	\$16,147.20	CUSTOM L, O&P	P
15	Crew A-02 A-02 Crew - 2019 - RSMMeans Standard Books O&P A-02 (2019 - RSMMeans Standard Books) Labor Hours: 24 Equip Hours: 8 Daily Hours: 24  Crew Details: Code: CLAB Description: Common Building Laborers Qty: 2 Hourly: 62.1 Daily: 993.6 Code: TRLT Description: Truck Drivers, Light Qty: 1 Hourly: 68.5 Daily: 548 Code: 015433205450 Description: Flatbed Truck, Gas, 1.5 Ton Qty: 1 Hourly: 0 Daily: 214.72  load demo panels and drive to dumpster and unload - Alos includes demo of safety tarp at the end of project that was previously installed	Daily	15.0000	\$1,756.32	\$26,344.80	CUSTOM L, E, O&P	P
16	Crew H-02 H-02 Crew - 2019 - RSMMeans Standard Books O&P H-02 (2019 - RSMMeans Standard Books)	Daily	20.0000	\$1,692.80	\$33,856.00	CUSTOM L, O&P	P

# Final Estimate

Estimator: Amy Bricker

Combined estimates...

Alternate							
Item	Description	UM	Quantity	Unit Cost	Total	Book	
	Labor Hours: 24 Equip Hours: 0 Daily Hours: 24  Crew Details: Code: GLAZ Description: Glaziers Qty: 2 Hourly: 74.75 Daily: 1196 Code: CLAB Description: Common Building Laborers Qty: 1 Hourly: 62.1 Daily: 496.8  additional labor - plexiglass install and removal line item only has 2 glazers included						
<b>Alternate Total</b>						<b>\$115,521.00</b>	
Trades							
17 EQLT	Equipment Operators, Light Equipment - 2019 RSMeans Facilities Bare Rate 2*40*4 = 320.00	Hour	320.0000	\$51.65	\$16,528.00	Trades L, B	P
<b>Trades Total</b>						<b>\$16,528.00</b>	
<b>Estimate Grand Total</b>					<b>208,787.14</b>		