



**Bartlesville Library Skylight Replacement
Bid # 2023-2024-013**

ADDENDUM NO. 1

05 FEB 2024

ISSUED TO ALL BID DOCUMENT HOLDERS OF RECORD:

Bidders are instructed to read and note the following described changes, corrections, clarifications, omissions, deletions, additions, approvals, and statements pertinent to the Contract Bid and Construction Documents. The original Contract Documents and Specifications remain in full force and effect, except as modified by the following, which shall take precedence over any contrary provisions in the prior documents.

This addendum forms a part of the Contract Documents and modifies the previously issued Drawings and Specification Sections.

I. Addendum Acknowledgement:

The Addendum Acknowledgement, included at the back of this Addendum, must be signed and returned with your bid proposal. Failure to return this form acknowledging receipt of the addendum shall be grounds to reject the bid proposal.

II. Specifications:

A. Sec 084523, Part 1.5 Performance Requirements - Revise Item A.3.b. Snow Load (PSF)
Change Item A.3.b. Snow Load from 0 PSF to 20 PSF

B. Sec 084523, Part 1.5 Performance Requirements – Revise Item A.3.c. Drift Load (PSF)
Remove / Mark out Item A.3.c. ~~Drift Load (PSF) = 0 PSF~~

C. Sec 084523, Part 1.8 Warranty – Modify Item B.

1. In Item B., change the length of the Extended Manufacturer’s factory applied Finish Warranty from 5 years to 10 years from date of delivery.
2. Add the following statement to the end of Item B.: “Provide written warranty, signed by manufacturer, agreeing to repair or replace any work with finish defects. “Defects” are defined as peeling, chipping, chalking, fading, abnormal aging, or deterioration, and failure to perform as required.”

D. Sec 084523, Part 1.8 Warranty – Add Item C.

1. Add the following as new Item C.–
“Color Change Warranty - Provide written warranty signed by manufacturer agreeing to replace any panels that exhibit excessive “yellowing” as defined as a change greater than three (3) Delta E units during the first 5 years following purchase and greater than (8) Delta E units during the first 10 years. Color changes shall be measured using a field colorimeter calibrated for color change (Delta E) and light transmission.”

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E. Sec 084523, Part 2.1 Manufacturer – Add Item C.

Add the following manufacturer approved for bidding as Item C.:

“C. Kingspan Light and Air, Tel: (800) 759-6985, email: info@kingspanlightandair.us”

F. Sec 084523, Part 2.3 Panel Construction

1. Remove / Mark out Item D. ~~Thermally broken, insulated panels: Minimum Condensation Resistance Factor of 80 by AAMA 1503 measured on the bond line.~~
2. Revise Item A.4.a. Visible LT value from 18% to 13%.

G. Table of Contents -

Replace the Table of Contents with the Revised Table of Contents that is attached to this addendum.

H. Inspection Report -

Add the Inspection Report that is attached to this addendum, to the end of the Specification Documents (pages IR-1 thru IR-6).

(Sign attached Addendum Acknowledgement and turn in with Bid Proposal)

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ADDENDUM ACKNOWLEDGEMENT

The undersigned acknowledges receipt of Addendum No. 1, and the bid submitted is in accordance as set forth herein.

Name of Bidder

By:_____

Date:_____

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Bartlesville Library Skylight Replacement

Bid No. 2023-2024-013

(Revised 2-5-2024, Addendum No 1)

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Inspection Date: Monday, December 4, 2023
Time: 2:45pm
Inspector: Brandon Beery

(Added 2-5-2024, Addendum No 1) Inspection Report

Project Name: Bartlesville Public Library
Address: 600 S Johnstone Ave Bartlesville, OK 74003
Contact: Shellie McGill, Library Director
Phone: 918-338-4161

Product Description: (1) 14'x78' ridge roof w/hipped ends.

Exterior Face Sheet:	Unknown	Interior Face Sheet	Unknown
Clear Coat Condition:	Poor	What % Gone	100%
TYPE:	Fiberbloom	Degree of Breakdown	Advanced
Structural Delamination	Moderate	% Of Delamination	25%
Hail Damage:		Average Fractures	

Battens	Screws	Over Torqued	Caulk	Ok	Paint/Seal	Ok
Flashing	Screws	Ok	Caulk	Ok	Weeps	Ok
Insulation	Sagging	No	Dis-colored	Yes	Lightning Protection	No

Observations:

There are key factors we look at on a fiberglass translucent panel. First, there is a factory applied clear coat on these panels when new. Over time, that clear coat will erode and as it erodes, the panels become dull and/or flaky, this is referred to as clear coat erosion. As this clear coat erodes the fiberglass becomes exposed. Therefore, the second factor is called fiberbloom or fiberwhitening. Depending on the year the panel was manufactured, the manufacturer and the face sheet composition determines if it is bloom or whitening. Along with the fiberbloom or fiberwhitening, it will eventually absorb the sun's rays and elements in the atmosphere and discolor. Following that, the panel can structurally delaminate. This is when the face sheet pulls away from the grid core. This is

the most concerning of the three. It is repairable to a certain percentage. Some brands of panels may retain moisture when they delaminate or if the weep holes get plugged. This is evident if there is discoloration of the binding agent that holds the insulation expanded.

In addition to the panel conditions outlined; we look for how well the system was installed, how are the flashings and sealants performing, and if there is any hail, storm, or environmental damage.

These systems will last 35-40 years if properly maintained. The unfortunate part is that most owners were not made aware on how to accomplish that at time of installation. These units should be cleaned annually with light water, a mild detergent and a soft bristle brush or cloth. In addition to that, the original clear coat needs to be re-established anywhere from 10-20 years from date of install, depending on the climate, direction the unit faces and whether it is a skylight or wall panel.

The fiberbloom is advanced to the point, I was not able to identify the original face sheet color or if there has been hail damage. Based on the age and location, I would imagine there has been hail damage over the years. Overall, this system is expired. It is not salvagable at this point. I recommend replacing this system.

Photo Link:

<https://www.dropbox.com/scl/fo/so28keaw2flmcqh8grjg3/h?rlkey=fjtbi8z0qwi8qn6le76jickhd&dl=0>







