

## **ADDENDUM #4**

**Project Name:**  
**Iowa School for the Deaf (ISD)**  
**IDOE ISD Giangreco Hall Water Infiltration Mitigation**  
**DAS# 9455.00**  
**RFB 945500-01**  
**Addendum #4**  
**Dated: December 05, 2025**

This Addendum forms a part of the bidding and contract documents. This Addendum supersedes and supplements all portions of the original bidding and contract documents dated October 03, 2025 with which it conflicts.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM. FAILURE TO DO SO MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

### **1) CLARIFICATIONS**

A. No items

### **2) QUESTIONS**

A. No items.

### **3) SUBSTITUTION REQUESTS**

A. No items.

### **4) ATTACHMENTS**

A. OPN Architects Addendum #04 Dated 12-05-2025. (2 pages)

**END OF ADDENDUM**

## ADDENDUM 04

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Date: 12/5/2025  
Project: 9455.00 Iowa School for the Deaf - Giangreco Hall Water Infiltration Mitigation  
OPN Project Number: 24843001  
Client: State of Iowa  
Project Location: 2160 Linden Drive, Cedar Rapids, IA 52403

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*This Addendum forms a part of the contract documents and modifies the original bidding documents dated October 3, 2025, as noted below. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the bidder to disqualification.*

### To: All Prospective Bidders

#### Contents:

- 2 Typed or printed pages
- 0 Bid Form Pages
- 0 Specification Pages
- 0 Drawing Pages

#### 1. General Information and Questions:

- a. Addendum #3. States that new  $\frac{3}{4}$ " Tricoya plywood is to be installed with Tapcons. The Product Data for Tricoya panels says, "All mechanical fasteners that may come into contact with water, including screws, hinges, fixtures and fittings, should be manufactured from Stainless Steel ANSI type 304 or 316." **A> Please delete the tapcons installation in the Tricoya panel. Use DeWalt 316 Stainless Steel Wedge-Bolt Screw Anchor  $\frac{1}{4}$  x 4 anchor length similar to 07876-PWR with a minimum of two fasteners under each French tile install not to conflict with the gutter attachment. Other fastener manufactures can be considered directly after the bid phase.**
- b. Since this panel is in direct contact with the contact deck there may be some moisture present, please advise if standard Tapcons will be suitable for this application. Tapcons are available in 410 stainless steel, while they have enough corrosion resistance? **A> see above for answer.** Alternatively, if the embedded nailers are going to be replaced with new. The panel could be attached with stainless steel wood screws into those nailers. **A> The Tricoya panel nailer will not align with nail hole of the French tile.**
- c. Please also advise the minimum diameter, minimum embedment, and minimum number of Tapcons required per sheet to meet wind uplift requirements. **A> see above for answer.**
- d. If the existing tile is nailed directly to the embedded nailers (flush with the roof deck) how shall we reconcile the change in the roof deck plane relative to the slope above the Tricoya panel? This tile and roof deck will be  $\frac{3}{4}$ " taller than the tile and roof deck above this area. **A> No the tile will not be higher due to the overlap of the tile in the course below.**
- e. Since the Tricoya panel will now be installed, will the 5,000 feet of embedded nailer still need to be replaced? Can we remove that work from the base bid? **A> No, keep the 5,000 feet of nailer in the base bid.**
- f. Since the tile is now going to be fastened to the Tricoya panel that is installed flush with the concrete deck, the fasteners will likely need to be exactly long enough to get full penetration into the panel but not too long to penetrate through the panel and into the concrete deck. Roofing nails are manufactured in standard lengths in increments that may not allow for these conditions to be met. Please advise the type and length of fastener that should be used. If a roofing nail is to be used, are they to be ring shank or smooth shank? **A> Nails for tiles must be stainless steel, 11 gauge minimum, ring shank, .285"-.312" head minimum and proper length to give good penetration through the plywood. Screws must be stainless steel #8 or #9, with a minimum .285"-.312" diameter head. Remember the top gutter fastener must be at least  $\frac{3}{4}$ " longer to reach the plywood surface and lower gutter fastener 1-1/2" longer to reach the plywood surface.**
- g. In lieu of using the custom punched tile and fastening through the side channel, has a wind lock or "hurricane clip" been considered? **A> yes it was but this is additive approach with the original nail holes, and not recommended by the manufacture to support this course.** These can be made with the exact length needed and be fastened at the deck level with screws. This clip can be moved up and down the channel to provide some adjustability, so the

tile held down with appropriate amount of force. The clip will also allow the channel to retain its function of directing water to the course below. This option could possibly eliminate the use of the Tricoya panel because these clips could be fastened directly to the concrete deck with Tapcons. Please see image below taken from the Ludowici Installation Manual.

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Substrate	Field Tile	Hip	Ridge	Quik-Tach™ Bracket	Hurricane Clip
Boards	2"	2"	2-1/2"	Not Required	1-3/4"
3/4" Plywood	2-1/2"	2"	2-1/2"	Not Required	1-3/4"

