



TO: Trustees, Oklahoma City Airport Trust

FROM: Jeff Mulder, Director of Airports

Change Order No. 2 to the Construction Contract with thyssenkrupp Airport Systems, Inc., for OCAT WRWA 1510, "Terminal Renovation and Expansion – Phase III, Passenger Boarding Bridges Package," increase of \$111,540.56, and 455 calendar days.

**Background:**

On August 22, 2019, Trust awarded the Construction Contract for OCAT WRWA 1510, "Terminal Renovation and Expansion – Phase III, Passenger Boarding Bridges Package" to thyssenkrupp Airport Systems, Inc. (Contractor), in the amount of \$4,312,848.29.

**Justification:**

Change Order No. 2 adds \$111,540.56 (2.59%), and 455 calendar days to the Contract as a result of the following six (6) items:

1. Add \$54,392.77 and 455 calendar days for temporary storage of the new passenger boarding bridges at the Contractor's facility. As the site was not ready to accept the bridges as originally anticipated, the bridges remained at the thyssenkrupp facility in Fort Worth, Texas until the bridges were ready to be installed. This change represents the cumulative costs and schedule additions of all four passenger boarding bridges.
2. Add \$22,882.25 to provide rubber flooring in lieu of carpet in all four bridges. To facilitate better long-term maintenance, as well as aid in the cleaning and overall appearance of the bridge flooring, rubber flooring was installed instead of the originally specified carpet tile flooring.
3. Add \$15,564.26 to modify the rotunda column at Gate 28 due to non-standard anchor bolt patterns. The foundation for the rotunda columns were constructed in the Terminal Expansion building package and, in thyssenkrupp's opinion, the anchor bolt pattern at Gate 28 did not comply with their requirements. This change is for the rework by thyssenkrupp to make the pattern compliant.
4. Add \$3,946.80 to provide door locking hardware for the interior of the cabs. While the exterior portion of the cab doors has locking hardware, the interior portions do not. In order to provide for necessary security requirements, thyssenkrupp has provided locking hardware for the interior portions of the cab doors.

5. Add \$4,271.13 to remove (from bridges 20, 22, and 24) and re-install baggage slides at bridges 26, 28, and 30.
6. Add \$10,483.35 to provide and install hydraulic fluid heaters at all four new bridges. While this equipment was not specified it is required for the proper operation of the bridges during cold weather events.

The cumulative impact of Change Order Nos. 1 and 2 is an increase of \$171,705.79 (3.98%) and the addition of 455 calendar days to the Construction Contract. The Contract's revised total is \$4,484,554.08. The Contract's revised completion date is February 24, 2022.

**Recommendation:** Change order be approved.