

Date: March 20, 2023
Amount: \$27,301,429.00
Account Number: 1290-1730

EXPLANATION TO COUNCIL BILL

ORIGINATING DEPARTMENT: Public Works & Transportation

PURPOSE: To authorize a contract with Ideker, Inc., for complete pavement replacement of Runway 17/35 and an amendment to the Aviation Fund Budget all in the amount of \$27,301,429.00 to include the bid and design/construction fees.

REMARKS: Three bids were received for this project, as follows:

Bidder	Address	Total
Ideker, Inc.	St. Joseph, MO	\$25,328,801.00
Clarkson Company	Construction Kansas City, MO	\$29,784,777.50
Emery Sapp & Sons, Inc.	Kansas City, MO	\$34,552,595.00

This ordinance is necessary to accept the bid from Ideker, Inc. as the lowest and best bid. The Engineer’s Estimate was \$36,995,842.75.

This project will be a 235-calendar day project. The Runway project will consist of five (5) Phases:

- Phase I: Runway 13/31, South 3,000 feet of Runway 17/35 and Taxiway D closed
- Phase II: Runway 17/35 closed, Runway 13/31 and Taxiway D reopened
- Phase III: Vehicle service road – concurrent with other phases
- Phase IV: Runway grooving with nightly closures
- Phase V: Concurrent with Phase I, replace 30” drainage pipes under Military Ramp

The concrete runway has been experiencing significant accounts of cracking, spalling, heaving and shifting over the past five (5) years requiring, intermittent closures and significant maintenance to be completed to restore the runway to a safe operational standard.

The reconstruction of Runway 17/35 will consist of approximately 150,000 SY of concrete pavement removal, subgrade stabilization, and concrete pavement replacement. A portion of the crumbled concrete will be used as fill into Browning Lake providing a stable base for the relocation of the vehicle service road (VSR) outside the runway object free area (ROFA) on the south end of the runway as required by current FAA design standards. Reconstruction of this runway is necessary in providing a safe operating environment for aircraft and surface vehicles at the airport while integrating the most current FAA safety and design guidelines. Taxiway D will be also be reconstructed to match runway strength ratings.

Costs associated with reconstruction of Runway 17/35 will be funded by MoDOT Aviation Fund \$494,409.10, Airport Improvement Program (AIP) \$8,899,363.80, Military Cooperative Construction Agreement (MCCA) \$17,413,423.65, and by the Aviation Capital Improvement Budget (\$494,409.10).

At the time of proposed approval of the attached ordinance, the AIP funds may not yet have been issued by the FAA for payment. The funds have been awarded, but the fund issuance process has not been completed. Receipt of the funds is almost certain; however, in the unlikely event the funds are not issued by the FAA, a change order will have to be issued that will dramatically affect the latter phase of the project and leave a significant portion of the project incomplete. Despite that uncertainty, the ordinance is being presented for approval for two primary reasons. First, to secure the favorable bid and avoid having to re-bid the project due to a delay in officially awarding the contract. Second, awarding the bid immediately will ensure a timely start to the project that will enable the contractor to take full advantage of the 2023 construction season and avoid delay of the project into the 2024 construction season.

CIP #214-004

THIS ORDINANCE HAS BEEN CERTIFIED THAT THE FOREGOING CONTRACT OR ORDER IS WITHIN THE PURPOSE OF THE APPROPRIATION TO WHICH IT IS TO BE CHARGED, AND THAT THERE IS AN UNENCUMBERED BALANCE TO THE CREDIT OF SUCH APPROPRIATION SUFFICIENT TO PAY THEREFORE.