City of Fort Worth, Texas Mayor and Council Communication

DATE: 04/09/24

M&C FILE NUMBER: M&C 24-0284

LOG NAME: 20WEST 7TH DESIGN CONTRACT

SUBJECT

(CD 9) Authorize Execution of a Professional Services Agreement with Lee Engineering, LLC. in the Amount Not to Exceed \$309,828.83 for the West 7th Bridge Illumination Project

RECOMMENDATION:

It is recommended that the City Council authorize execution of a Professional Services Agreement with Lee Engineering, LLC. in the amount not to exceed \$309,828.83 for the West 7th Street Bridge Illumination project (City Project No. 105022).

DISCUSSION:

Over the years, the West 7th Street Bridge has become a prominent symbol of Fort Worth's charm and heritage. However, the existing illumination system is now well beyond its regular maintenance cycle, necessitating a comprehensive upgrade to ensure both the reliability of the decorative elements and the safety lighting components.

After selecting Lee Engineering, LLC from the Transportation and Public Works (TPW) Professional Engineering Design list, TPW recommends awarding the firm a design contract for the West 7th Street Bridge illumination upgrades.

The current illumination system poses maintenance challenges, consuming significant staff time to ensure its functionality. The proposed upgrade aims to address this issue by implementing a state-of-the-art lighting solution that enhances the bridge's visual appeal and minimizes ongoing maintenance requirements. Programming and controlling the changeable colors will remain as part of the bridge function.

Lee Engineering, LLC will work closely with City maintenance staff to design, specify, and plan the illumination upgrades over the next year.

The anticipated benefits of this upgrade include improved reliability, reduced maintenance costs, and enhanced safety features for pedestrians and motorists. Additionally, the aesthetically pleasing illumination will contribute to the overall ambiance of the bridge, making it a standout feature in our cityscape. The bridge lighting upgrade is expected to cost \$2,200,000.00 in addition to this design contract cost of \$309,828.83 for an estimated total project cost of \$2,509,828.83.

Funding is budgeted in the General Capital Projects Fund for the TPW Dept Highway & Streets Department for the purpose of funding the W 7th Street Bridge Illumination project as appropriated.

With Council approval, this project design and product selection is expected to start in April 2024 and be completed by the Winter of 2024. Construction is to be completed in 2025 with future Council authorization.

BUSINESS EQUITY: Lee Engineering LLC is in compliance with the City's Business Equity Ordinance by committing to 11% MWBE participation on this project. The City's MWBE goal on this project is 8%.

The West 7th Bridge is located in COUNCIL DISTRICT 9.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are available in the current capital budget, as previously appropriated, in the General Capital Projects Fund for the W 7th Street Bridge Illuminati project to support the approval of the above recommendation and execution of the agreement. Prior to any expenditure being incurred, the Transportation and Public Works Department has the responsibility to validate the availability of funds.

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