

MEMORANDUM

TO: Claire Powell, City Manager

VIA: Aaron Russell, P.E., Director of Public Services

FROM: Roshan Chaudhary, CIP Manager

DATE: April 07, 2025

SUBJECT: **Approval of a Professional Services Agreement with Birkhoff, Hendricks & Carter, L.L.P., Dallas, TX, in the Amount of \$99,000 for Professional Engineering Services for the East Lewisville Elevated Storage Tank Repaint Project; and Authorization for the City Manager, or her Designee, to Execute the Agreement.**

BACKGROUND

In accordance with Texas Commission on Environmental Quality (TCEQ) regulations, the city conducts annual inspections to ensure that water storage tanks, including vents, roof hatches, and coating systems, remain watertight and prevent contamination, preserving the integrity of the tanks. Constructed in 2002, this tank was included in the Castle Hills annexation. Based on the life expectancy of the coating systems used, the city follows a standard practice of repainting tanks at least once every 20 years. However, if annual inspections indicate significant corrosion or damage, repainting may be scheduled earlier. As a result of a recent inspection, the East Lewisville Elevated Storage Tank is scheduled for repainting.

ANALYSIS

During the 2024 annual inspection, U.S. Underwater (a Consor company), which specializes in underwater inspections, conducted the review. The inspection report was then shared with Birkhoff, Hendricks, and Carter (BHC) for evaluation and feedback, including a site visit. Given BHC's previous involvement in other painting projects, staff requested a proposal from them. Based on the inspection findings and the site visit, BHC provided a proposal in the amount of \$99,000 for engineering services and preparation of bid documents for this project. The scope of the East Lewisville Elevated Storage Tank Repaint Project encompasses both interior and exterior painting work. The project will include painting both the City of Lewisville and Castle Hills logos on the bowl of the tank.

The engineering plans and bid documents are expected to be completed within four months, followed by the bidding process and construction, which will take place six months from the date of the executed agreement. Funding for the project is available in the East Lewisville Elevated Storage Tank Repainting (U2408) CIP project.

CITY STAFF'S RECOMMENDATION

That the City Council approve the agreement and authorize the City Manager, or her designee, to execute the agreement as set forth in the caption above.