

MEMORANDUM

TO: Claire Powell, City Manager

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

FROM: Roshan Chaudhary, CIP Manager

DATE: February 2, 2026

SUBJECT: **Approval of a Professional Services Agreement with Birkhoff, Hendricks & Carter, L.L.P., Dallas, TX, in the Amount of \$110,100 for Professional Engineering Services for the East Lewisville Elevated Storage Tank and Southside Ground 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. The East Lewisville Elevated Storage Tank (698 Lady of the Lake Blvd.) and the Southside Ground Storage Tank (2946 Lake Vista Dr.) were constructed in 2005 and 2002, respectively. Based on the life expectancy of the coating systems used, the city follows a standard practice of repainting tanks every 20 years. However, if annual inspections indicate significant corrosion or damage, repainting may be scheduled earlier. As a result of a recent inspection, both storage tanks are scheduled for repainting.

ANALYSIS

In 2024, the city contracted U.S. Underwater to conduct an annual inspection, including an underwater assessment. Their inspection report was forwarded to Birkhoff, Hendricks, and Carter (BHC) for review, evaluation, and a follow-up site visit. Given BHC's prior experience with similar coating and repainting projects, staff requested a proposal from them for the creation of bid documents related to repainting both tanks. The scope of work includes full interior and exterior coating for both tanks.

The city previously entered into a Professional Service Agreement (PSA) with BHC in the amount of \$99,000 for bid document creation for the East Lewisville Repaint Project. This work has been completed. The Castle Hills and City of Lewisville logos will both be painted onto the bowl of the elevated storage tank. Following inspection of the Southside Ground Storage Tank, BHC recommended combining the projects to achieve more competitive bidding. BHC submitted a proposal totaling \$110,100 for the creation of bid documents for the Southside Ground Storage

Tank as well as bidding and construction phase services for both projects. This amount does not include the cost for design of the East Lewisville Elevated Storage Tank.

The 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 Capital 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.