

MEMORANDUM

TO: Claire Powell, City Manager

FROM: Stacie Anaya, Director Parks and Recreation

DATE: January 27, 2025

SUBJECT: **Approval of a Professional Services Agreement Between the City of Lewisville and CEI Engineering Association Inc. for Professional Engineering and Consulting Services for the Design of Lewisville Lake Environmental Learning Area Kayak Launch in the Amount of \$ 99,500; and Authorization for the City Manager or Her Designee to Execute the Agreement.**

BACKGROUND

The kayak launch at the Lewisville Lake Environmental Learning Area (LLELA) is a popular access point for recreational and educational activities, drawing residents and visitors to explore the natural areas around Lewisville Lake. To enhance safety, accessibility, and the overall user experience, the City of Lewisville is moving forward with a redesign of the site.

A 2016 plan for the LLELA Kayak Launch proposed a design with a significantly larger environmental footprint. Recognizing the need for a more sustainable approach, the City re-evaluated the concept and developed a revised plan that reduces environmental impact while improving functionality and user experience.

In early 2024, CEI Engineering Association Inc. was engaged as a consultant to review the previous plans, create updated schematic designs, and provide a probable cost opinion along with a full design cost estimate proposal. Working closely with City staff, CEI reimaged the original design, focusing on sustainability and eco-conscious principles. After presenting several options, a final schematic design was selected.

The U.S. Army Corps of Engineers (USACE) reviewed and approved the final schematic design, expressing its support for the project and reaffirming its commitment to preserving LLELA's ecological integrity.

ANALYSIS

CEI's familiarity with the site and its previous work on conceptual design make them a valuable partner for this project, ensuring a smooth transition into the design phase. CEI has proposed a design phase cost of \$69,500, which includes administrative, survey, design, and permitting services. An additional \$30,000 is allocated for construction observation and administrative support during implementation, bringing the total proposed cost to \$99,500. The project timeline progresses from a site/topo survey, completed three weeks after the Notice to Proceed, through

design phases (30%, 60%, and 90%), with reviews by City staff interspersed. Final bid documents will be prepared and reviewed after the design phases, with bidding anticipated to begin two weeks after final approvals. The full project timeline is estimated to be 25 weeks.

This project aligns with the Lewisville 2025 vision and specifically the Green Centerpiece Big Move by enhancing public engagement with natural resources and improving access to LLELA's recreational offerings.

The U.S. Army Corps of Engineers' approval of the conceptual design highlights the project's compliance with federal environmental guidelines and underscores its potential to serve as a model for sustainable recreational development. Funding is available from the Kayak Access Points CIP fund.

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.