

MEMORANDUM

TO: Claire Powell, City Manager

FROM: Stacie Anaya, Director of Parks and Recreation

DATE: April 23, 2024

SUBJECT: **Ratification of an Amendment to the Agreement between the City of Lewisville and Halff Associates, Inc. to perform Landscape Architecture and Engineering Services for Lake Park Emergency Erosion and Trail Repairs, adding \$23,500 to the initial agreement amount of \$49,200, for a total amount of \$72,700; and Authorization for the City Manager to Execute the Agreement**

BACKGROUND

Lake Park is approximately 385 acres consisting of a golf course, athletic fields, boardwalk/fishing pier, day use picnic areas, walking trails/disc golf area, RV campgrounds and overnight campgrounds. Lake Park is adjacent to the Lewisville Lake Development area that holds a Marina, boat sale and service facility, restaurant and a Denton County Transit Authority (DCTA) station. It is also adjacent to our Lewisville Lake Environmental Learning Area (LLELA), a nature preserve that has a rich history, both within the community and ecologically. It is the center for ecological research and education in the City of Lewisville. These three areas and the Trinity River corridor are the Green Center Piece recognized in Lewisville's Vision 2025 plan.

Lake Park is located on the shores of Lewisville Lake, which is managed and operated by the United States Army Corps of Engineers (USACE). The primary focus of the USACE is Flood Damage Reduction, Water Supply, Natural Resource Preservation and Recreation. During past and recent reoccurring rain and flood events, Lake Park has experienced frequent inundation of their day use areas, internal park roads and trails, boat ramps and swim beaches. This has rendered most of the park inaccessible and inoperable for periods of 2 to 3 months at a time during these events.

In 2020, the City executed a Professional Services Agreement (PSA) to assist with the development of a Master Plan for Lake Park. While surveying Lake Park, Halff identified several areas with extensive erosion along approximately 2 miles of shoreline. Erosion in those two areas was deemed severe enough to threaten physical assets such as trails and a pavilion that a PSA for design of emergency shoreline repairs was executed in August of 2023 prior to the completion of the Master Plan. The amount of the original PSA was for an amount not to exceed \$49,200.

ANALYSIS

When the plans for the emergency shoreline repairs were submitted to the USACE for review, they requested additional surveys and environmental analysis not included in the original agreement. As the USACE will not approve the plans without the analysis, and repairs to the area need to begin as soon as possible, staff expedited execution of the amendment so design of the analysis can begin immediately and prevent the loss of further shoreline. This now requires Council

ratification due to the amount associated with the amendment (\$23,500) for the additional design services.

Funding is available in the Lake Park Improvements capital project.

CITY STAFF'S RECOMMENDATION

That the City Council ratify the agreement as set forth in the caption above; and authorize the City Manager to execute the agreement.