



Legislation Text

File #: 22-2698, Version: 1

STRATEGIC PRIORITY: Quality of Life, Arts & Culture
AGENDA DATE: December 14, 2022
COUNCIL DISTRICT(S): 9
DEPARTMENT: Park & Recreation Department
EXECUTIVE: John D. Jenkins

SUBJECT

Authorize an engineering services contract with Freese and Nichols, Inc. to provide preliminary engineering design services for the White Rock Lake Dredging Project located at White Rock Lake - Not to exceed \$952,700.00 - Financing: Operating Carryover Fund

BACKGROUND

When the lake is filled to an elevation of 457.9 feet, White Rock Lake has a surface area of approximately 995 acres and storage of 10,230 acre-feet. Due to accumulated sediment within White Rock Lake, it is necessary to regularly dredge the Lake, historically on a 20-25-year frequency, to remove the accumulated sediment and restore the eight-foot lake depth required for recreational uses. Since its original construction in 1911, White Rock Lake has been dredged four times: 1937, 1956, 1974, and 1998.

In 2013, a Comprehensive Dredge Management Plan addressed 100 lakes, sumps, detention/retention basins, and drinking water reservoirs throughout the City of Dallas. The plan identified White Rock Lake as a Medium Priority site.

In September 2020, The Dallas Water Utilities Department hired Freese and Nichols, Inc. to perform a dredging feasibility study that evaluated alternative dredging scenarios and identified areas for dredging. [On July 21, 2022, the Assistant City Manager approved a request by the Park & Recreation Department to use the Special Needs/Justification Consultant Selection Process in accordance with City of Dallas Administrative Directive 4-05, deeming Freese and Nichols, Inc. the most qualified for the proposed contract.](#) Under this proposed contract, Freese and Nichols Inc., will build upon the 2020 feasibility study report and develop preliminary engineering design documents (approximately 30 percent Construction Documents), a level necessary for regulatory review. Freese and Nichols, Inc., will add to the bathymetric survey, geotechnical and environmental evaluations that were started in the feasibility study. Freese and Nichols, Inc., will identify and analyze disposal and dewatering sites as well as perform public outreach for the project. After analysis of existing conditions are performed and a set of design drawings have been reviewed by regulatory agencies, community

groups and individuals, Freese and Nichols, Inc, will make recommendations to the Park & Recreation Department about the next set of procedures to complete the project.

ESTIMATED SCHEDULE OF PROJECT

Begin Preliminary Design January 2023
Complete Preliminary Design December 2024

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On December 8, 2022, the Park and Recreation Board will consider authorizing an engineering services contract with Freese and Nichols, Inc. to provide preliminary engineering design services for the White Rock Lake Dredging Project.

FISCAL INFORMATION

| Fund | FY 2023 | FY 2024 | Future Years |
|--------------------------|--------------|---------|--------------|
| Operating Carryover Fund | \$952,700.00 | \$0.00 | \$0.00 |

M/WBE INFORMATION

In accordance with the City’s Business Inclusion and Development Policy adopted on September 23, 2020, by Resolution No. 20-1430, as amended, the M/WBE participation on this contract is as follows:

| Contract Amount | Procurement Category | M/WBE Goal |
|---|----------------------------|-------------------------------------|
| \$952,700.00 | Architecture & Engineering | 34.00% |
| M/WBE Subcontracting % | M/WBE Overall % | M/WBE Overall Participation \$ |
| 34.70% | 34.70% | 34.70% \$330,575.00 |
| • This contract exceeds the M/WBE goal. | | |
| • Freese and Nichols, Inc. - Local; Workforce -33.00% Local | | |

OWNER

Freese and Nichols, Inc.

Brian Coltharp, President/Chief Executive Officer

MAP

Attached