

Legislation Text

File #: 24-656, **Version:** 1

PRESENTER:

Scott McClelland, Assistant Director of Transportation and Capital Improvements

SUBJECT:

Approval of a contract modification with Freese & Nichols Inc. for bidding and construction phase services associated with the construction of the Landa Lake Dam & Spillway Improvements.

DEPARTMENT: Transportation and Capital Improvements

COUNCIL DISTRICTS IMPACTED: 3

BACKGROUND INFORMATION:

The New Braunfels Economic Development Corporation (NBEDC) has worked to develop a list of capital projects to support - through engineering and design and/or construction funding - since the summer of 2022. The NBEDC voted unanimously to approve funding the final design of the Landa Lake Dam project at its March 9, 2023 meeting. Freese and Nichols, Inc (FNI) was selected as the design consultant. The final design completed by FNI includes the construction design drawings and an opinion of probable cost for construction.

The repair of the dam will improve global stability of the structure to meet the TCEQ dam safety regulations. The construction of the improvements will add a concrete toe to the existing dam as well as address erosion in the overflow channel to improve stability and maintenance of the channel.

The cost to complete construction of the proposed improvements and for other construction phase expenses is \$1,000,000. The NBEDC approved this project expenditure unanimously at its April 18, 2024 meeting. If approved by City Council, the construction would begin after the 2024 Spring Fed Pool season ends.

The contract modification with FNI will provide bidding and construction phase support with a not to exceed amount of \$163,710.

ISSUE:

The Landa Lake Dam does not meet the TCEQ dam safety regulations. The proposed improvements would improve the dam's stability to meet these regulations.

STRATEGIC PLAN REFERENCE:

☐ Economic Mobility ☐ Enhanced Connectivity ☐ Community Identity
☐ Organizational Excellence ☒ Community Well-Being ☐ N/A

The proposed improvements to the Landa Lake Dam & Spillway will add to the Community's Well-Being by ensuring the longevity and improving the stability of the dam itself, keeping Landa Park safe by decreasing the likelihood of a dam failure.

FISCAL IMPACT:

The NBEDC has approved \$1,000,000 for the construction phase. Therefore, there are adequate funds for this project expenditure.

RECOMMENDATION:

Approval of a contract modification with Freese & Nichols Inc. for bidding and construction phase services associated with the Landa Lake Dam improvements in the not to exceed amount of \$163,710.