



City of Huntington Beach

File #: 21-850

MEETING DATE: 11/17/2021

PUBLIC WORKS COMMISSION REQUEST FOR ACTION

SUBMITTED TO: Chairman and Members of the Commission

SUBMITTED BY: Sean Crumby, PE, Director of Public Works

Subject:

Construction of the Central Library Fountain Restoration Project, CC 1630

Statement of Issue:

Plans and specifications for the Central Library Fountain Restoration Project are in final preparation.

Funding Source:

Funds are available for this project in the infrastructure (\$847,000), park development impact (\$1,030,620), and library impact fee (\$300,000) fund accounts for a total of \$2,327,000.

Recommended Action:

Motion to approve the Central Library Fountain Restoration Project, CC1630, is in general conformance with the previously approved Capital Improvement Program.

Alternative Action(s):

Deny approval and recommend an alternative action.

Analysis:

The scope of this project involves the renovation of the Central Library's two exterior fountain systems, which consist of an approximately 4,000 square foot cascading fountain located southeast of the building's main entrance, and an approximately 16,750 square foot free form fountain located in rear northwest portion of the facility. Originally constructed in 1975, the Central Library was designed by internationally renowned architect Dion Neutra. Incorporated into Neutra's library design were several internal and external water feature bowls and fountains, which were intended to reflect the surrounding park, lakes, and landscape. This project will focus on restoring the two large exterior water fountains.

The original fountain liner membrane on both fountains has frayed and delaminated from the perimeter fountain walls. Due to a liner failure in 2016, the northwest pool has not been able to retain water and has experienced soil undermining through retaining wall toe drains. The lighting system and panel, level control system, and electrical sub-panels are either obsolete analog systems or no

longer functioning. Old buried piping, conduit, and wiring are at end of life and will be replaced due to the risk of water damage. The water treatment system is deficient or completely lacks proper water treatment and filtration functions, which will be upgraded or installed as a new system. The perimeter fountain walls have also sustained several cracks that need to be ground out and sealed. To achieve better flow and water chemistry control, the northwest and southeast fountains will also be segregated to two independent systems.

The engineer's estimate for this project is \$1,548,250.

Attachment(s):

1. Vicinity / Location Map
2. Engineer's Estimate