

TO: Public Works Committee
FROM: Bill Lindauer, Engineering Services Manager
DATE: February 8, 2024
SUBJECT: Service Provider Agreement with RH2 Engineering for the Southeast Water Reservoir Design Phases I, II, and III

1) Recommended Action:

Staff requests the Public Works Committee recommend the City Council approve and authorize the Mayor to sign the Service Provider Agreement with RH2 Engineering, Inc. for the Southeast Water Reservoir Design Phases I, II, and III.

2) Background:

The City's potable water system includes two welded steel standpipe storage tanks and one above ground cement concrete storage tank. Due to population growth and increased water demand, planned improvements of the City's water infrastructure are required. As part of the City's Comprehensive Water System Plan (WSP) completed in June 2021, a new 3-million-gallon reservoir was recommended to address storage and pressure deficiencies in the 350 zone, along with expansion of the water system along 93rd Avenue SW and associated system components. The City owns property adjacent to 93rd Avenue with a 40-foot access easement dedicated to these recommended improvements.

The proposed Agreement includes engineering services for design of the water tank, access road, and system upgrades to connect the new water tank to the existing water mains on 93rd Avenue and Old Highway 99.

3) Policy Support:

B. Be a leader in Environmental Sustainability.
11. Ensure ample water supply.

4) Alternatives:

- ☐ Reject the agreement and request review of alternatives to address storage and pressure deficiencies.
 - ☐ Recommend changes to the scope of work.
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5) Fiscal Notes:

The initial design and consultant fees for this project total \$1,658,845, separated by phases:

- Phase A-1 Southeast Water Reservoir, \$1,348,595
- Phase A-2 Off-Site Water Main Alternative A, \$191,200
- Phase A-3 Off-Site Water Main Alternative B, \$119,050

The project is funded by the Water Fund Capital Facilities Plan through a combination of operating income and loans or bonds to be acquired in 2024.

6) Attachments:

- A. Project Overview
- B. Project Overview of Water Tower
- C. Attachment C Service Provider Agreement