



# CITY OF FERNLEY

## CITY COUNCIL

### AGENDA REPORT

**Meeting Date: September 15, 2021**

<b>REPORT TO:</b>	Mayor and City Council
<b>REPORT THRU:</b>	Derek Starkey, City Engineer
<b>REPORT FROM:</b>	<b>Kari Weitzel, Admin Specialist III</b>
<b>REVIEWED BY:</b>	Brandi Jensen, City Attorney
<b>REVIEWED BY:</b>	Denise Lewis, City Treasurer

<b>FINANCIAL IMPACT:</b> Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>	<b>CURRENTLY BUDGETED:</b> Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>	<b>FUND/ACCOUNT:</b> 510-166-100
---	---	-------------------------------------

<b>ACTION REQUESTED:</b> <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution <input type="checkbox"/> Motion <input type="checkbox"/> Receive/File
---

<b>AGENDA ITEM: Staff Report (For Possible Action):</b>  <b>Possible action to approve a contract with Shaw Engineering in the amount not to exceed \$23,300 for professional engineering services for the Sage Tank Recoat Project.</b>
--

<b>Business Impact (per NRS Chapter 237):</b> <input type="checkbox"/> A Business Impact Statement is Attached. <input type="checkbox"/> A Business Impact Statement is not required because this is not a rule (term excludes vehicles by which legislative powers are exercised under NRS Chapters 271, 278, 278A, or 278B).
--

<b>Agenda Item Brief:</b> Staff is seeking approval to execute a contract for all engineering design, bidding support and construction support for the recoating of the 2.5 MG Sage Tank.
--

**See attached report for background, analysis, alternatives.**

**RECOMMENDED MOTION:**

**“I move to approve the contract with Shaw Engineering in the amount not to exceed \$23,300 for professional engineering services for the Sage Tank Recoat Project.”**

**ALTERNATIVES:**

City Council could choose not to award this contract and postpone the procedure one or two years. However, due to the current condition and state of the water tank and appurtenances, staff highly recommends approval of this contract now.

**PROJECT SUMMARY:**

The contract would allow the engineering department to utilize the services of Shaw Engineering to complete engineering, bidding support and construction support for the recoating of sage tank.

**BACKGROUND:**

The Sage Tank was originally constructed in 2006 as part of the Sage Ranch Development. The Sage Tank is a 2.5 MG tank that provides operations, emergency and fire storage for a large portion of the city’s west side of town.

A video inspection was completed on the tank in 2015 and again in 2019. The Consultant found some areas of rusting in the walls and some areas of concern on the roof as well.

February 2021, Shaw engineering and city staff conducted a roof inspection to specifically determine the state of the roof beams. The inspection found that besides surface rusting, several of the roof beams show portions of the beams with significant weakened cross sections that they need to be replaced. All rusting on the walls, roof, appurtenances would be removed and replaced. Priming and a finished coat would be sprayed on the interior of the tank.

Once all repairs are made a *City of Fernley* mural will be painted on the outer wall of the tank.

**ANALYSIS:**

Staff highly recommends that the city proceeds with the engineering services proposal for all engineering, bidding support, and construction support for the Sank Tank Recoating Project.

**FINDINGS:**

The work included in this proposal has been previously identified and Shaw Engineering has submitted a proposal for professional engineering services such as bidding and construction support. Shaw Engineering and city staff identified many areas of concern within the inside and outside of the tank.

**LEGAL IMPLICATIONS:**

Replacing damaged areas of the tank now will avoid costly repairs and avoid unwanted interruption in the future. Taking a proactive approach can avoid that.

**FINANCIAL IMPLICATIONS:**

The funding for this project was approved for the current fiscal year 2021/2022. The funding is part of the water

enterprise capital project budget. The total funding for this project's entirety is \$500,000.

**ATTACHMENTS:**

- 1. City of Fernley Short for Contract**
- 2. Shaw Engineering SOW and Fee Schedule Proposal**