



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: May 15, 2023

Re: Authorizing an agreement for professional engineering services with Black & Veatch Corporation for the design of new Alluvial Wells 1A and 10A to serve the McBaine Water Treatment Plant. These wells will replace Alluvial Wells 1 and 10.

Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to execute an agreement with Black & Veatch Corporation in an amount not to exceed \$196,314 to provide professional engineering services related to the replacement Alluvial Wells 1 and 10 with new Alluvial Wells 1A and 10A.

Discussion

Replacement of aging Alluvial Wells will provide more reliable infrastructure and provide additional raw water supply to the McBaine Water Treatment Plant. Existing Alluvial Wells 1 and 10 can no longer meet their original design capacity and are inefficient to operate. The City's Alluvial Wells are routinely monitored and programmed for replacement as necessary.

Staff requested a proposal from Black & Veatch Corporation, in accordance with the City's policy on procurement of engineering services, to provide professional engineering services related to the replacement of Alluvial Wells 1 and 10. Per the Scope of Services, Black & Veatch will provide project administration, well siting, new well design, permitting assistance and bid phase assistance. Additional details of each task can be found in the Scope of Services included in Attachment A to this resolution.

The proposed budget for this agreement with Black & Veatch Corporation is a not to exceed fee of \$196,314 and will be paid for with funds appropriated under Capital Projects W0301 and W0302. A total of \$ 700,000 has been appropriated in Capital Project W0301 for design and construction of the replacement of Alluvial Well 1. A total of \$ 700,000 has been appropriated in Capital Project W0302 for design and construction of the replacement of Alluvial Well 10.

Fiscal Impact

Short-Term Impact: The proposed agreement is for \$196,314.

Long-Term Impact: \$1,400,000 has previously been appropriated for design and construction of this project under Capital Improvement Program project numbers W0301 and W0302.



Strategic & Comprehensive Plan Impact

[Strategic Plan Impacts:](#)

Primary Impact: Infrastructure, Secondary Impact: Not Applicable, Tertiary Impact: Not Applicable

[Comprehensive Plan Impacts:](#)

Primary Impact: Infrastructure, Secondary Impact: Land Use & Growth Management, Tertiary Impact: Not Applicable

Legislative History

Date	Action
None	

Suggested Council Action

Approval of the resolution.