

Request for Purchase



Date: February 5, 2019

To: Mayor and City Council

From: Ross Bintner PE, Engineering Services Manager

Subject: Request for Purchase: Engineering Services for Water Treatment Plant 5
Dublin Site

Purchase Subject to:
☐ List Quote/Bid
☐ State Contract
☒ Service Contract

The Recommended Bid is:
☒ Within Budget
☐ Not Within Budget

Date Bid Opened or Quote Received:
January 24, 2019

Bid or expiration Date:
N/A

Company:
Advanced Engineering and Environmental Services,
Inc (AE2S)

Amount of Quote or Bid:
\$983,000

Recommended Quote or Bid:
AE2S

Summary:

The goal of this project is to improve drinking water aesthetics by increasing filtered water production capacity and address overlapping system needs identified in the 2018 Water Supply Plan. This purchase will start the public participation and design process for Water Treatment Plant 5 (WTP5) at the Dublin Reservoir site. See the attached report for history, and engagement plan for details on the plan for public engagement.

Information/Background:

The City of Edina operates four water treatment plants ranging from 2000-4000gpm with peak filtered production capacity of 13.75 MGD, providing filtration for 10 of its 18 wells. Peak summer demand met by untreated wells results in unfiltered water spikes exceeding recommended secondary limits for iron and manganese resulting in taste and odor complaints. Recent Council actions for the site selection and design of the WTP include: March 3, 2017 Authorizing Study; September 6, 2017 adding pilot study and site for report; October 3, 2017 receiving report and site selection; February 21, 2018 considering variance for setback; October 16, 2018 adding site for report; and December 10, 2018 receiving report and site selection.

Attachments

Supplemental Letter Agreement
Engagement Plan

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Budget Impact

This item is for design services for a new Water Treatment Plant. There are significant up-front and ongoing operating costs associated with this purchase. The capital improvement is funded under CIP #15-162.

Environmental Impact

Sustainability and environmental impacts will be considered during design.

Community Impact

The preliminary engineering report describes various elements of community fit, service, costs and risk to building the WTP at the selected location. The community engagement process will weigh these tradeoffs and provide Council a recommendation that considers input from the public before preliminary design commences.

Department Director Authorization: _____

City Council Authorization Date: _____ (for purchases over \$20,000 only)