



Meeting Date: May 26, 2026 **Agenda Type:** Consent Items for Action

From: Adam Willard, P.E. **Reviewed by:** Michael Short, P.E.
Chief Engineer of Water Director of Engineering
Systems

Submitted by: Mark Steelman **Approved by:** Ryan Kelso
Chief Operations Officer Chief Executive Officer

RECOMMENDED ACTION: Authorize the CEO or His Designee to Negotiate and Execute a Fourth Amendment to the Professional Services Agreement with Arcadis, U.S., Inc. for the Surface Water Treatment Plant Expansion Project

BACKGROUND

On February 3, 2020, the New Braunfels Utilities (“NBU”) Board of Trustees approved a Professional Services Agreement (the “Agreement”) with Arcadis U.S. Inc. (“Arcadis”) for professional engineering services for the Surface Water Treatment Plant Expansion Project (the “Project”). On December 4, 2020, the Board approved a Professional Services Contract Amendment (the “First Amendment”) for project management services, assistance with the TWDB loan application services, coagulant jar testing services, and wastewater lift station design and construction services. On June 27, 2024, the Board approved a Professional Services Contract Amendment (the “Second Amendment”) for additional final design phase services, permitting services, construction administrative services, and supplemental services. On June 26, 2025, the Board approved a Professional Services Contract Amendment (the “Third Amendment”) for additional final design phase services and permitting services.

NBU and Arcadis have identified a need to (i) add additional final design phase services, and (ii) remove a portion of the Services relating to construction administration. The additional final design phase services include further evaluation of the Raw Water Pump Station (“RWPS”), site civil and mechanical design revisions, decant basin flow optimization, and additional project management.

Further evaluation of the RWPS will address pump performance with the development of a physical model to assess pump cavitation, analysis of operational data, and identification of mitigation strategies. Design revisions include improving wet well access, pump and piping configuration, equipment installation and removal, relocation of controls, and incorporation of mechanical and operational improvements.

Site-related design revisions include optimizing fire protection and stormwater management systems; updating site layout to accommodate roadway widening, drainage, and access for operational and

emergency vehicles; and incorporating survey and utility data to support easements, infrastructure coordination, and enhanced site security.

Mechanical design revisions will incorporate operational and reliability upgrades, such as improved stormwater handling, expanded chemical storage capacity, updated instrumentation and controls, and additional facility space to support technology and maintenance. The design will be updated to align with current regulatory codes and constructability considerations, including cost updates and contractor/vendor coordination. Decant basin process improvements include the implementation of a flow equalization basin to optimize performance by flow pacing the filter backwash water.

Construction administration services, including an onsite resident project representative and an onsite construction inspector, are removed and will be evaluated via a request for proposals at a later date.

As a result, NBU staff requests that the Board approve the Fourth Amendment to the Agreement (the "Fourth Amendment"), which includes a net decrease in compensation to the Professional in the amount of \$1,082,100.00 for the addition of the final design and permitting services, the removal of a portion of the construction administrative services, and extension of the contract completion date to May 14, 2030.

This item is being presented to the Board because it modifies the Agreement beyond the parameters the Board previously approved.

FINANCIAL IMPACT

The total financial impact for the Fourth Amendment is -\$1,082,100.00. The total contract amount for the Agreement, First Amendment, Second Amendment, Third Amendment, and Fourth Amendment with Arcadis, US, Inc. for the Project is \$7,919,800.00, including Supplemental Services. The Project is budgeted within the Fiscal Year 2026 through Fiscal Year 2030 NBU Board approved Capital Improvements Projects Budget.

LINK TO STRATEGIC PLAN

Customers and Community

Stewardship

EXHIBITS

1. Fourth Amendment to the Professional Services Agreement with Arcadis, US, Inc