



Meeting Date: January 30, 2025 **Agenda Type:** Consent Items for Action

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

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

RECOMMENDED ACTION: Authorize the CEO or His Designee to Approve Additional Construction Contract Contingency with Pesado Construction Company in the Amount of \$209,730.00 for the Construction of the Solms Lift Station Expansion Project.

BACKGROUND

On June 29, 2023, the New Braunfels Utilities (“NBU”) Board of Trustees approved a construction contract with Pesado Construction Company (“Pesado”) for the construction of the Solms Lift Station Expansion Project, which includes i) reconstruction and rehabilitation of the existing lift station wet well; (ii) expanding capacity to 2.8 million gallons per day of total pumping capacity by installing three (3) vertical dry pit solids handling pumps; (iii) installation of necessary instrumentation, controls, and electrical upgrades; (iv) site improvements, including general flood-proofing of the site, including hatch replacement and ventilation of the existing lift station; (v) existing manhole rehabilitation; (vi) bypass pumping and flow management; (vii) installation of approximately twenty-five (25) linear feet of cured-in-place pipe lining for the existing 24-inch main; (viii) storm water pollution prevention; (ix) site restoration, including hydro-mulching and sod restoration; and (x) all other appurtenances necessary to complete the Project (the “Project”).

Anticipating project change orders, the NBU Board approved an initial contingency of \$140,000.00 with the original construction contract. Since its approval, the Project has required that NBU use \$122,233.16 of the initial contingency amount for canopy top replacement, a new gate, slab changes, a new access road, expenses related to bypass pumping, and additional bollards.

NBU has recently repaired several breaks within the existing upstream force main from the lift station. The existing force main is aging infrastructure and can no longer support the intended lift station capacity. We need to continue bypass pumping while a partial replacement of the force main is completed. NBU staff estimates that the additional \$209,730.00 will cover anticipated costs for the bypass pumping and any other remaining project-specific issues.

NBU staff requests that the Board of Trustees approve the additional \$209,730.00 in construction contract contingency with Pesado for the Project. NBU staff will use the remaining contingency for bypass pumping. All contract change orders will be presented to the Board through the monthly change order log.

This item is being presented to the Board because it modifies a previously Board approved contract.

FINANCIAL IMPACT

The Board originally approved a construction contract including the initial contingency in the amount of \$140,000.00 for the construction of the Project. NBU has since processed four (4) change orders in the amount of \$122,233.16. The combined amount of the construction contract and the four (4) change orders is \$1,521,153.16.

Adding the additional \$209,730.00 will bring the total available contingency to \$349,730.00, or approximately 25% of the original contract amount. The total contract amount of \$1,398,920.00, with the original contingency of \$140,000.00 and the additional requested contingency of \$209,730.00, totals \$1,748,650.00.

LINK TO STRATEGIC PLAN

Infrastructure and Technology

Stewardship

EXHIBITS

1. Board Write-Up from June 29, 2023