

Attachment B – Additional Project Information

Telemetry System Upgrade Phase 4 Project

Project Discussion

This sole source contract with Technical Systems Inc. (TSI) is to refurbish or replace control panels and communication systems at nine of the city water utility facilities in the Novelty Hill area. This includes one tank site, one water pump station and seven sewer pump stations.

The City of Redmond Public Works Department maintains and operates a telemetry system for the water and wastewater systems in the Novelty Hill area. Redmond has developed software and hardware components that are specifically adapted to monitor and control the various components of each system. TSI is designated as Redmond's sole-source integrator for these systems and provides all components and software to operate the telemetry systems. Public Works strives to have consistent systems throughout Redmond by standardizing telemetry components and software programming, which expedites repairs and maintenance. Many equivalent components are not compatible with the Redmond system. Thus, using non-standard components in this project would result in additional repair and maintenance costs in the future. Resolution 1398 was adopted by Council pursuant to RCW 39.04.280(2)(a), to waive competitive bidding requirements and designate TSI as the sole-source provider for Redmond's telemetry system upgrades in 2014.

On April 17, 2026, Redmond staff received a quote from TSI for telemetry system equipment components to be used in the upgrade for nine city utility sites. The design of this phase of the Telemetry System upgrade was completed in February of 2026 and we are now moving to the equipment production and installation phase of the project.

Redmond will continue to ensure the City is protected in case of a cyber-attack on the telemetry system. TSI and Redmond have entered into an Information Privacy and Security Agreement along with added insurance to minimize the risk of an attack on the system.

Bid Results

The project was not competitively bid.

The TSI cost estimate was reviewed by the City's peer review consultants BHC with City technical and project management staff. The BHC consultant opinion of probable costs (OPCC) for the identified work was determined to be higher than the TSI estimate. Based on the analysis, the staff concluded that the pricing proposed by TSI was fair and reasonable. City staff then negotiated the final contract price with TSI.

Staff recommends approving this contract with TSI.

Fiscal Information

See Attachment A – Project Information Sheet