



# City of Redmond

15670 NE 85th Street  
Redmond, WA

## Memorandum

**Date:** 5/20/2025  
**Meeting of:** City Council

**File No.** AM No. 25-075  
**Type:** Consent Item

**TO:** Members of the City Council  
**FROM:** Mayor Angela Birney  
**DEPARTMENT DIRECTOR CONTACT(S):**

Public Works	Aaron Bert	425-556-2786
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**DEPARTMENT STAFF:**

Public Works	Eric Dawson	Capital Supervisor
Public Works	Lisa Rigg	Senior Engineer
Public Works	Steve Gibbs	Division Manager
Public Works	Vangie Garcia	Deputy Public Works Director

**TITLE:**

Approval of the Final Contract with Dalton Electric Corp. and Acceptance of Construction, in the Amount of \$1,197,328, for the Pump VFD Replacement Project

**OVERVIEW STATEMENT:**

Public Works is requesting Council to approve the final contract and accept construction for the Pump Variable-Frequency Drive (VFD) Replacement project (No. 2016). This contract with Dalton Electric Corp. had a base bid amount of \$1,240,763.68, plus or minus change orders and bid items increases or decreases, resulting in a final contract amount of \$1,197,328.

Variable Frequency Drives control the frequency of the electrical power to water and wastewater pump stations. This project replaced the VFDs at Pump Stations 3 and 5, Novelty Hill Pump Station, Novelty Hill Operations Center, and Wastewater Lift Station 51. Many of the VFDs were at the end of their useful life and were in need of replacement.

The proposed acceptance date for the project has been delayed two years from substantial completion due to power module failures in the VFDs that occurred after substantial completion. Once the failed part was identified, the City and Contractor agreed to delay acceptance so the VFDs could run and allow the City to be assured the replaced parts performed satisfactorily.

☒ **Additional Background Information/Description of Proposal Attached**

**REQUESTED ACTION:**

☐ **Receive Information**      ☐ **Provide Direction**      ☒ **Approve**

**REQUEST RATIONALE:**

- **Relevant Plans/Policies:**  
Capital Investment Program

Community Strategic Plan - Objective #1: Invest in infrastructure preservation and replacement across the City to maintain the current level of service, the reliability of capital assets, and provide timely and cost-effective replacement.

- **Required:**  
Council approval is required to accept a Public Works contract that exceeds \$300,000 (2018 City Resolution 1503)
- **Council Request:**  
N/A
- **Other Key Facts:**  
Public Works is requesting this item go forward for Council approval at the May 20, 2025, Council business meeting.

**OUTCOMES:**

The project met the objective of replacing VFDs at five water and wastewater pump stations, and they have performed flawlessly for over two years. The pump stations have increased service life and optimized system efficiency.

**COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:**

- **Timeline (previous or planned):**  
N/A
- **Outreach Methods and Results:**  
The work took place inside the pump stations and did not affect neighbors or utility customers. Neighbors in the immediate vicinity of the pump stations received a courtesy notice about the work.
- **Feedback Summary:**  
No feedback was received.

**BUDGET IMPACT:**

**Total Cost:**  
\$1,936,355

**Approved in current biennial budget:** ☒ Yes ☐ No ☐ N/A

**Budget Offer Number:**  
CIP

**Budget Priority:**  
Healthy and Sustainable

**Other budget impacts or additional costs:** ☐ Yes ☒ No ☐ N/A

***If yes, explain:***

N/A

**Funding source(s):**

City Water Fund, Novelty Hill Water Fund, Novelty Hill Wastewater Fund

**Budget/Funding Constraints:**

N/A

☒ **Additional budget details attached**

**COUNCIL REVIEW:**

**Previous Contact(s)**

Date	Meeting	Requested Action
1/5/2021	Business Meeting	Approve
5/6/2025	Committee of the Whole - Planning and Public Works	Provide Direction

**Proposed Upcoming Contact(s)**

Date	Meeting	Requested Action
N/A	None proposed at this time	N/A

**Time Constraints:**

Following project acceptance, in accordance with RCW 60.28, the contract retainage will be released upon receipt of clearances from the Washington State Departments of Revenue and Labor and Industries, and a mandatory 45-day waiting period for filing claims and liens

**ANTICIPATED RESULT IF NOT APPROVED:**

The warranty period begins upon Council acceptance. Not accepting construction will result in delay of warranty start, increasing the project close-out cost.

**ATTACHMENTS:**

Attachment A: Pump VFD Replacement Project Information Sheet

Attachment B: Additional Project Information