Business Item 2018-130 SW: Sole Source Procurement for Motors and Drives for Effluent Pumps and Aeration Compressors

Charles LaPierre, Manager, Electrical Maintenance

Environment Committee: May 22, 2018



Objectives

Compressor Motors

- 1) Repair Compressor Motor #4
- 2) Refurbish remaining 6 compressor motors

Effluent Pump Motors

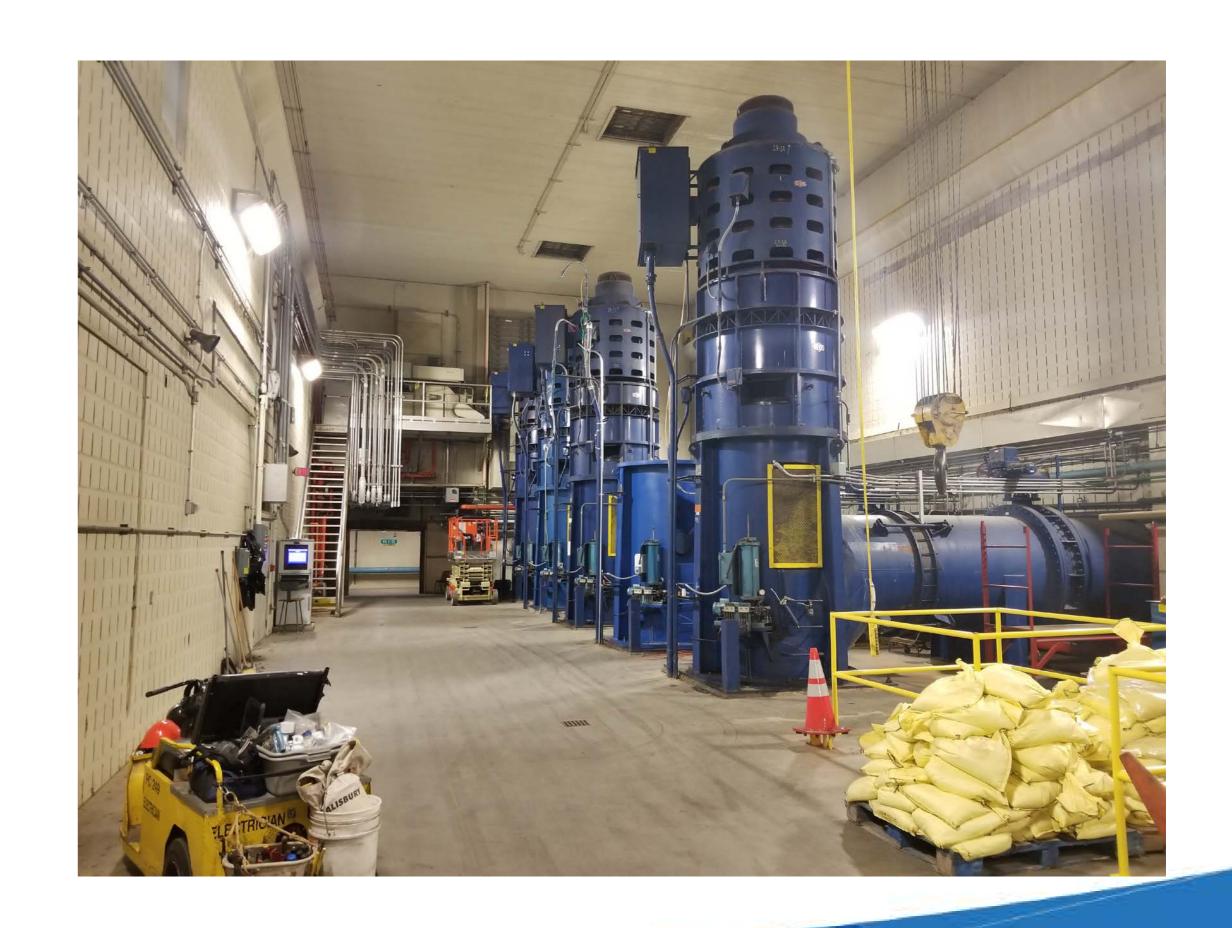
- 1) Correct repair issues on Effluent Pump 529
- 2) Refurbish remaining 3 effluent pump motors





Drivers

- OEM vendor expertise
- OEM parts availability
- Competitive vendors unable to meet MCES specifications
- Electric motors are critical to MCES process





Outcomes

- System Availability
- Age of Equipment
- Establish EquipmentCondition
- Pro-Active Defect
 Elimination
 - 1) Added Vibration analysis
 - 2) Motor Condition Monitoring





Thrive Lens Analysis

- Stewardship
 - Financial resources invested efficiently and effectively to maintain assets protecting the region's natural resources



Proposed Action

• That the Metropolitan Council authorize the Regional Administrator to award and execute a sole source procurement contract in an amount not to exceed \$1,500,000 over a 5-year period from May 2018 to April 2023 with WEG Electric Corporation to provide original equipment manufactured parts and services for EM Motors 900HP – 5500HP and Regutron Eddy Current Drives used at Metropolitan Council Wastewater Treatment Plants.



Questions

