TO: Mayor Shaun Sipma  
Members of the City Council

FROM: Jason Sorenson, Assistant Public Works Director

DATE: December 14, 2021

SUBJECT: TRAILER MOUNTED GATE VALVE EXERCISER – AWARD OF BID  
(PROJECT NUMBER 4650)

I. RECOMMENDED ACTION
   1. Recommend council award the bid to MetroQuip, Inc. in the amount of $89,427.40 for Wachs Valve Maintenance Trailer.

II. DEPARTMENT CONTACT PERSONS

   Dan Jonasson, Director of Public Works  857-4140
   Jason Sorenson, Asst. Director of Public Works  857-4140

III. DESCRIPTION

   A. Background
      In 2022, in addition to taking over the hydrant maintenance and flushing program, the Water Department will also be starting a valve exercising program. This program will physically operate every valve in the City on about a 5-year rotation. When responding to watermain breaks, isolation is always an issue and sometime leads to shutting down more services than necessary to find valves that hold. As this exercising program makes it through the City inoperable valves will be replaced as necessary. This will lead to much more efficient and smaller shutdowns for repair work.

   B. Proposed Project
      In order to do the valve exercising program additional maintenance may be necessary before the valve can be operated. This includes cleaning out the riser to access the valve nut or sometimes replacing the nut so the exerciser can access the valve. The Water Department rented an exercising machine this past summer that has all of the equipment necessary to ensure every valve is operated. Additionally, the unit will collect info such as location, number of turns for closure and amount of torque required to operate. This data can be uploaded into the new asset management software for future reference.

      Plans and specs were written for a unit like the one used this summer. On December 14, 2021, bids were opened and only one vendor submitted a bid. MetroQuip submitted a bid for a Wachs single turner valve maintenance trailer. It meets all of the specifications for the project.

   C. Consultant Selection
      N/A

IV. IMPACT:
A. **Strategic Impact:**
This equipment along with the exercising program will ensure future water shutdowns will be isolated to a smaller affected area.

B. **Service/Delivery Impact:**
N/A

C. **Fiscal Impact:**

  **Project Costs**
  
  Wachs Valve Maintenance Trailer $89,427.40

  **Project Funding**
  Funding for this equipment is budgeted in the 2022 Water Distribution Capital account in the amount of $110,000.

V. **ALTERNATIVES**
N/A

VI. **TIME CONSTRAINTS**
N/A

VII. **LIST OF ATTACHMENTS**