TOWN OF
APPLE VALLEY, CALIFORNIA

AGENDA MATTER

Subject Item:

RATIFY PURCHASE OF BLOWERS FOR SEWER LIFT STATIONS 3A #1 & #2

Summary Statement:

Lift stations 3A #1 and #2, located at 13980 and 15036 Riverside Dr. respectively, have experienced the failure of all four aeration blowers. Aeration blowers serve the purpose of oxygenating the wastewater flow in order to minimize the presence of anaerobic bacteria and oxidize odor causing bacteria. Anaerobic bacteria produce detectable levels of hydrogen sulfide (H2S) gas which reveals itself as "rotten egg" sewer odor.

The four blowers (two at each lift station) are 18 years old and have incurred catastrophic failure due to their age and frequency of use. Technical blower design has improved significantly and replacement of the existing blowers with the technologically advanced retrofit will enable more efficient, effective blower operation and will bring both stations back to full operational status.

The replacement blowers are manufactured by Ametek, Inc. and are supplied exclusively in Southern California by Yardley Pump & Vacuum, Inc., located in Santa Ana, California. The total price for the four blowers is $23,974.53, and installation will be performed by Public Works staff. The Town Manager has authorized this budgeted purchase, and the blowers have been ordered. The blowers will be delivered at the quoted price prior to the end of this fiscal year. In conformance with the Town's purchasing policy, the Town manager may authorize this purchase, which he has done, and staff shall report the expenditure at the next regularly scheduled Council meeting for ratification by the Town Council.

Recommended Action:

Ratify the purchase of four new aeration blowers from Yardley Pump & Vacuum, Inc. for Lift Stations AD3A #1 & #2 in an amount not to exceed $23,974.53.

Proposed by: <u>Assistant Town Manager – Municipal Ops & Contract Svcs</u>   **Item Number**_____

T. M. Approval: _____   **Budgeted Item** ☒ **Yes** ☐ **No** ☐ **N/A**