

DATE: April 27, 2017

TO: BRUCE RUDD, City Manager
Office of the City Manager

FROM: JIM SCHAAD, Assistant Director
Department of Transportation

BY: DUANE MEYERS, Fleet Manager
Department of Transportation/Fleet Management Division

CLIFF TRAUGH, Sr. Management Analyst
Department of Transportation/Fleet Management Division

SUBJECT: Award a sole source purchase contract in the amount of \$448,023.90 to NO-DES, Inc. for the purchase of one "NO-DES" Water Main Flushing truck.

The Water Division, under the Department of Public Utilities wishes to purchase a Neutral Output Discharge Elimination System (NO-DES) Water Main Flushing System over the formal bid limit from a "sole source" without competitive bidding.


The Water division over the past 5 years has experienced an increased need to flush the main water lines and hydrants throughout the 1,800 miles of pipe running throughout the city. The traditional method to accomplish this job was to open the hydrant and let the water flow down the storm drain. This method results in the loss of thousands of gallons per flush and gives our community the impression that the city is not being conscientious with water resources. This increased need combined with the growing concerns regarding water usage has led the Water division to seek out a solution.

The Water Division endeavors to maintain a good public perception of "water conservation", and this NO-DES unit will help achieve that goal. The NO-DES system is unique in its ability to flush lines and return potable water back into the system with minimal loss. This unit will save 133 million gallons of water annually that would otherwise be lost to traditional open hydrant flushing. Both the Fleet Management and Water Divisions have researched alternative products and have come to the conclusion that this is the only system of its kind and is the best value over the other possible options.

Key benefits include: saving money, conserving water by returning potable water back into the system, eliminating National Pollutant Discharge Elimination System (NPDES) fees, and preventing damage common to conventional water main flushing.

Staff requests approval to place this item on the council agenda as soon as possible due to the urgent needs of the water division.

☒ Approve Request



Bruce Rudd, City Manager



Date