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**CITY COUNCIL COMMUNICATION**

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**TO: Mayor and Council**  
**FROM: Randy Petty, P.E.**  
**City Engineer**  
**SUBJECT: Landfill – Installation of Methane Gas Venting System**  
**DATE: Monday, April 10, 2017 at 6:00 p.m.**

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**Purpose and Recommended Action:** This is a request for the Mayor and City Council to award the Installation of the Methane Gas Venting System Project to Hark Drilling, Inc., of El Mirage, Arizona. Staff Recommends award to Hark Drilling.

**Background:** The City of Safford has submitted an application to the Arizona Department of Environmental Quality (ADEQ) for a Type IV Change to our current Work Plan at the Safford Regional Landfill. This Type IV Change will revise our work plan to allow for a vertical expansion of the Landfill, which will extend the life by perhaps thirty (30) years.

During the application approval process, ADEQ requested that an updated remedial action plan be prepared and implemented to address higher than standard levels of methane concentration in two areas of the Landfill. This work plan has been completed and to reduce these levels of methane concentrations the City has chosen to install a Passive Venting System at these areas.

ADEQ has approved our work plan and the installation of this system. Since then, we have had a design completed (Stantec) and have requested that bids be submitted for the installation. Once this system is in place, ADEQ will consider the planned implemented and continue their review of our Type IV Work Plan change.

On March 23, 2017, the City publicly opened sealed bids at the offices of the City Clerk. We received two bids, which are shown below with the Engineer's Opinion of Cost (see attached Bid Report):

<u>BIDDERS</u>	<u>BID AMOUNTS</u>
Hark Drilling, Inc.	\$151,960.93
Engineer's Opinion of Cost	\$159,935.00
GHD	\$216,871.89

Our Design Consultant (Stantec) reviewed the bids submitted (see Bid Recommendation) and have recommended award of this contract to Hark Drilling, Inc., of El Mirage, at the Bid Amount of \$151,960.93, which is \$7,974 less than their Opinion of Cost.

Also, attached to this is the Bid Recap showing the Contractor's Unit Price for each item bid.

**Analysis:** This work will complete the remedial action plan and the implementation of the approved plan, which ADEQ requested to be completed prior to their continuation of their review of our Type IV change. We anticipate that the system will be operational in June 2017 and the application for the revised Work Plan will be completed by August or September of 2017.