



City Council Report

Date: May 18, 2015
To: City Council
Through: Kari Kent, Deputy City Manager
From: Beth Huning, City Engineer
Rob Kidder, Assistant City Engineer
Subject: Magma Road Gas Main Extension, Hunt Highway to Stardust Drive
City Project No.C10377
Pinal County

Strategic Initiatives



Purpose and Recommendation

The purpose of this report is to provide information to the Council concerning the results of the bids recently received for the Magma Road Gas Main Extension, Hunt Highway to Stardust Drive in Pinal County. (See exhibit "A" for project location.)

Background

The existing infrastructure serving the Johnson Ranch subdivision requires additional support to stabilize pressures and limit the number of customer outages during scheduled shutdowns for maintenance and repairs due to damage. This project provides the additional support. It will also make natural gas available for the next phase of the Johnson Ranch subdivision on the southeast corner of Stardust Drive and Indigo Sky Boulevard / Magma Road.

Discussion

This new gas main will consist of approximately 4,200 linear feet of 4-inch polyethylene gas pipe, connecting the 4-inch polyethylene gas pipe at Magma Road and Hunt Highway (installed in 2004) to the 4-inch polyethylene gas pipe at Stardust Drive and Indigo Sky Boulevard / Magma Road (installed in 2007).

Alternatives

An alternative is to not proceed with this project and leave the system as-is. This is not recommended and would result in less reliability in the gas system due to the lack of redundancy. It may also result in large outages in the southern half of Johnson Ranch under design day cold weather conditions. It would also place greater stress and increased degradation to the components of the existing infrastructure.

Fiscal Impact

The recommended total award is \$151,286.00 which consists of the lowest responsible bid of \$137,533.00 plus an additional \$13,753.00 (10% allowance for change orders). This project is funded from the Gas Bond program.

Coordinated With

The Energy Resources Department concurs with this recommendation.

CITY OF MESA
MESA, ARIZONA

**MAGMA ROAD GAS MAIN EXTENSION,
HUNT HIGHWAY TO STARDUST DRIVE**

PROJECT NO. C10377

Tabulation of Bids Received, Thursday, April 16, 2015, at 2:00 P.M.

ENGINEER'S ESTIMATE	\$287,445.00
1. ARIZONA PIPELINE COMPANY	\$137,533.00
2. THE FISHEL COMPANY	\$142,175.60
3. NORTHERN PIPELINE	\$199,540.48
4. UNDERGROUND CONSTRUCTION	\$210,277.70