



# City Council Report

**Date:** January 22, 2018  
**To:** City Council  
**Through:** Kari Kent, Assistant City Manager  
**From:** Beth Huning, City Engineer  
Rob Kidder, Assistant City Engineer  
**Subject:** Desert Wells No. 20 Equipping  
City Project No. C05033  
District 6

## Purpose and Recommendation

The purpose of this report is to provide information to the Council concerning the results of the bids received for Desert Well No. 20 Equipping (See Exhibit "A" for the project location).

Staff recommends that Council award a contract for this project to the lowest responsible bidder, Currier Construction Inc., in the amount of \$1,234,317.00, and authorize a change order allowance in the amount of \$123,432.00

## Background

The City of Mesa maintains and operates 34 groundwater wells throughout the City to provide drinking water for Mesa citizens. The well at this site was drilled under a separate contract completed in the spring of 2016. This project includes the installation of the pump, piping, electrical equipment, chlorination equipment and other site improvements to make this well operational.

## Discussion

Desert Well No. 20 will pump water to the existing 8 million gallon reservoir at the Signal Butte Water Treatment Plant (SBWTP) via a well collection waterline in Signal Butte Road. The well water will be supplemented with water from other groundwater wells and surface water from the future water treatment plant. New development in Southeast Mesa has increased water demand and Desert Well No. 20 is now required to meet this demand.

The new well is located adjacent to a retention basin and is separated from residential subdivisions by the Flood Control District of Maricopa County (FCDMC) Powerline

Floodway and arterial roads (Signal Butte Road and Ray Road). This project will install an 8-foot high perimeter screen/security wall around the well site. Also, an acoustical containment enclosure will be constructed around the well equipment to minimize visibility and noise.

Community Impact – Provisions will be made to mitigate temporary impacts from construction noise and dust, and traffic restrictions. This project is anticipated to be completed in two hundred and forty (240) calendar days.

### **Alternatives**

An alternative to the project would be to not equip the well at this time. This is not recommended as it would decrease the reliability of the City's potable water system and the ability to meet increased demand in southeast Mesa.

### **Fiscal Impact**

The total authorized amount recommended for this project is \$1,357,749.00, based upon the lowest responsible bid of \$1,234,317.00 plus an additional \$123,432.00 (10%) as a change order allowance. This change order allowance will only be utilized for approved change orders.

This project is funded by 2014 Water Bonds.

### **Coordinated With**

The Water Resources Department concurs with this recommendation.

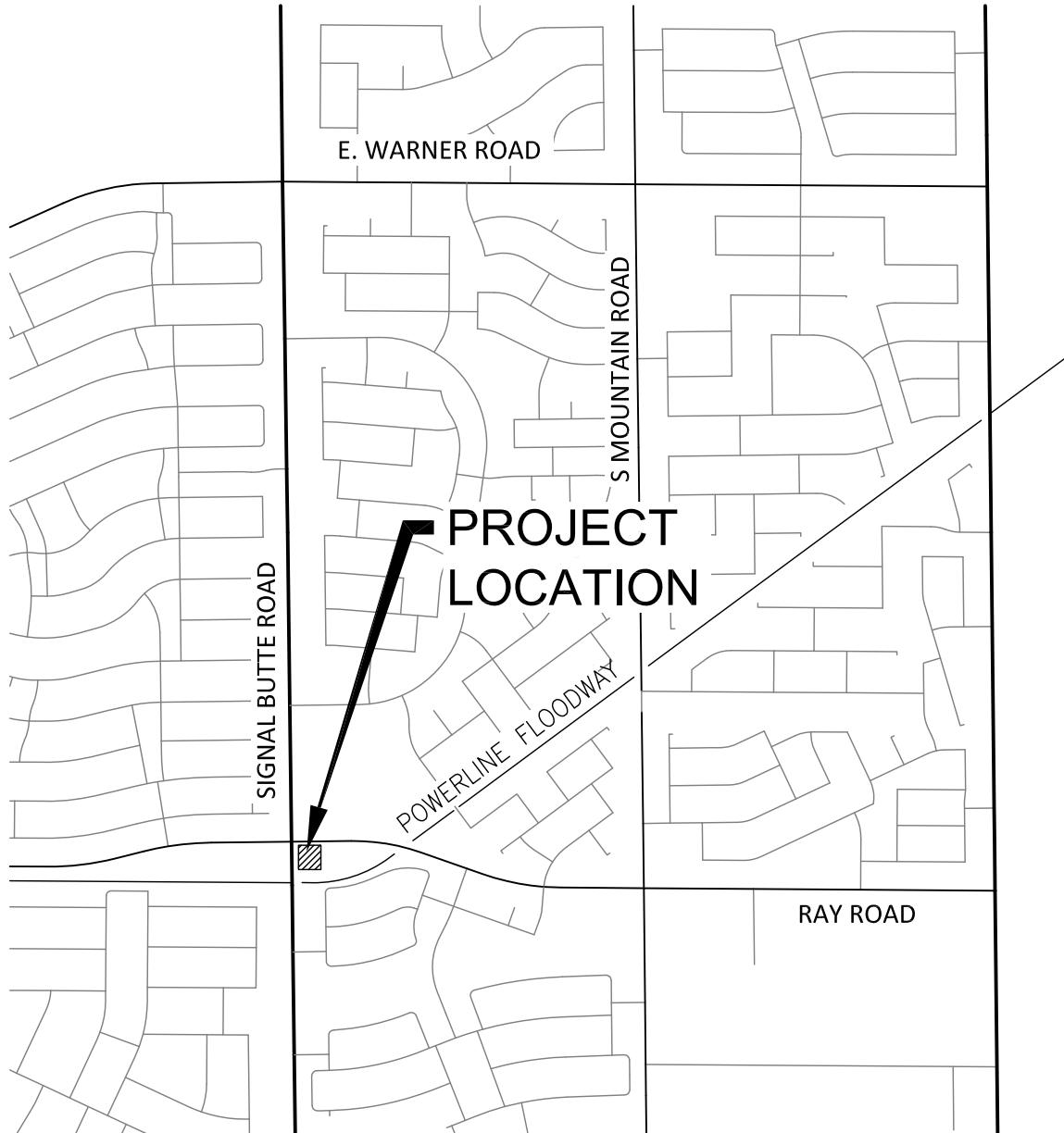
CITY OF MESA  
MESA, ARIZONA

**Desert Well No. 20 Equipping**

**PROJECT NO. 503033**

Tabulation of Bids Received, Thursday, December 14, 2017, at 1:00 pm.

<b>ENGINEER'S ESTIMATE</b>	<b>\$1,283,563.00</b>
1. Currier Construction Inc.	\$1,234,317.00
2. Garney Companies	\$1,262,530.00
3. KCCI Inc.	\$1,266,000.00
4. Schofield Civil Construction	\$1,287,517.00
5. M. A. Mortensen Company	\$1,288,449.90
6. Paul R. Peterson Construction	\$1,428,608.60



**PROJECT LOCATION MAP**  
**Desert Well No. 20**  
**Well Site Equipping**  
**5217 S Signal Butte Road**  
**PROJECT NO. C05033**